

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100818\
 Data File : VN051741.D
 Acq On : 8 Oct 2018 17:27
 Operator : MD\SY
 Sample : J5300-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SR-STONE

Quant Time: Oct 09 04:00:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 05 02:22:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	715280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1024175	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	901978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	385363	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	426600	45.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.30%	
35) Dibromofluoromethane	7.59	113	308943	39.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.04%	
50) Toluene-d8	10.09	98	1451595	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
62) 4-Bromofluorobenzene	12.40	95	421966	40.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.70%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.12	85	104	1.160	ug/l #	42
5) Bromomethane	2.56	94	2209	0.223	ug/l	84
7) Trichlorofluoromethane	3.00	101	77	Below Cal	#	37
11) Tert butyl alcohol	4.78	59	148	0.230	ug/l #	73
13) Acrolein	3.48	56	101	0.252	ug/l #	1
16) Acetone	3.82	43	23289	Below Cal		96
18) Methyl Acetate	4.33	43	2186	0.419	ug/l	94
20) Methylene Chloride	4.55	84	245759	31.612	ug/l	98
25) 2-Butanone	6.86	43	3163	1.159	ug/l #	78
29) Tetrahydrofuran	7.24	42	583	0.348	ug/l	91
30) Chloroform	7.38	83	5841	0.371	ug/l	95
31) Cyclohexane	7.67	56	14391	1.122	ug/l #	36
36) 1,1-Dichloropropene	7.67	75	47393	4.427	ug/l #	49
38) Carbon Tetrachloride	7.67	117	64175	4.996	ug/l #	16
40) Benzene	8.04	78	8881	0.280	ug/l	96
41) Methacrylonitrile	7.19	41	131	Below Cal	#	47
43) Isopropyl Acetate	8.23	43	10545	0.906	ug/l #	59
48) Methyl methacrylate	9.18	41	5649	1.062	ug/l #	23
51) 4-Methyl-2-Pentanone	9.98	43	2262	0.383	ug/l	89
52) Toluene	10.16	92	21793	1.032	ug/l	96
59) 2-Hexanone	10.72	43	3334	0.832	ug/l #	22
67) Ethyl Benzene	11.51	91	21241	0.550	ug/l	94
68) m/p-Xylenes	11.62	106	27182	1.759	ug/l	98
69) o-Xylene	11.95	106	10897	0.719	ug/l	98
71) Bromoform	12.40	173	3791	0.570	ug/l #	1
74) N-amyl acetate	12.08	43	136	Below Cal	#	1
75) 1,1,2,2-Tetrachloroethane	12.40	83	414	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	228251	47.461	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	15225	0.550	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	228251	108.877	ug/l #	14
84) 1,2,4-Trimethylbenzene	13.04	105	42184	1.521	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.28	75	638	0.553	ug/l #	1
95) Naphthalene	15.13	128	750012	56.097	ug/l	99

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QLast Update : Fri Oct 05 02:22:33 2018
Response via : Initial Calibration

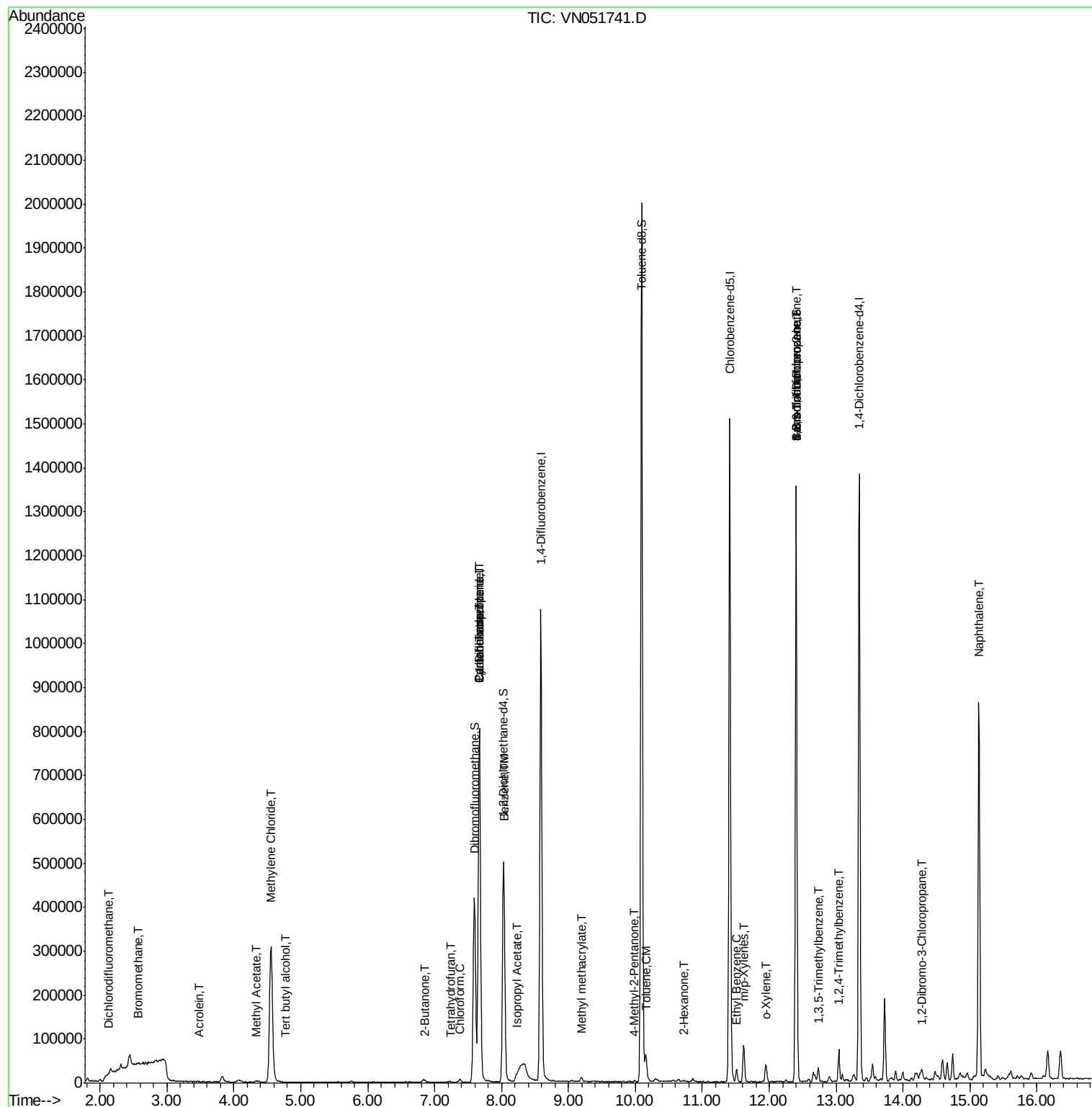
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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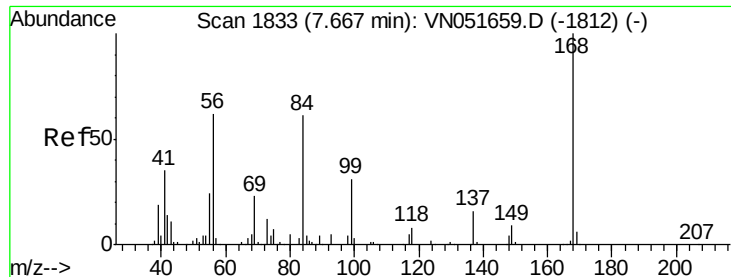
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051741.D

Acq: 8 Oct 2018 17:27

Instrument :

MSVOA_N

ClientSampleId :

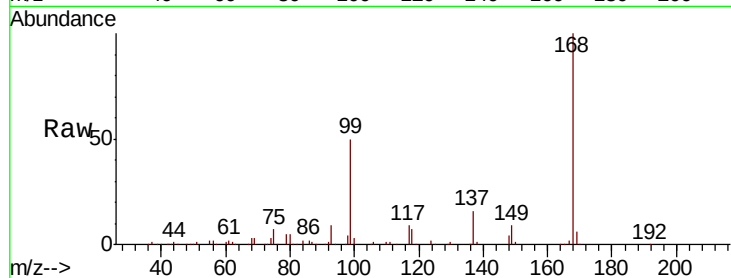
SR-STONE

Tot Ion:168 Resp: 715280

Ion Ratio Lower Upper

168 100

99 50.2 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

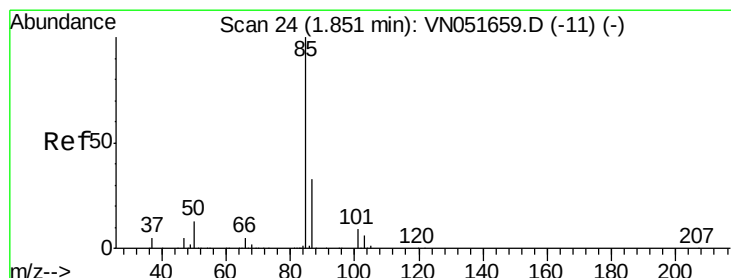
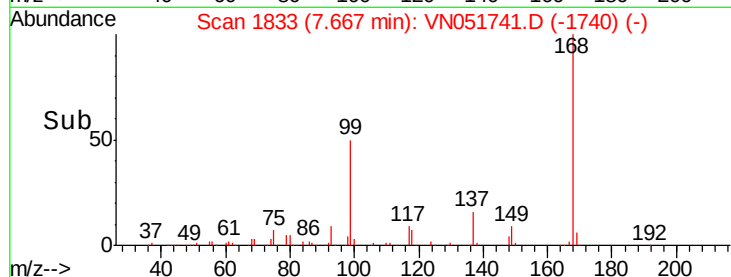
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.160 ug/l

RT: 2.12 min Scan# 109

Delta R.T. 0.27 min

Lab File: VN051741.D

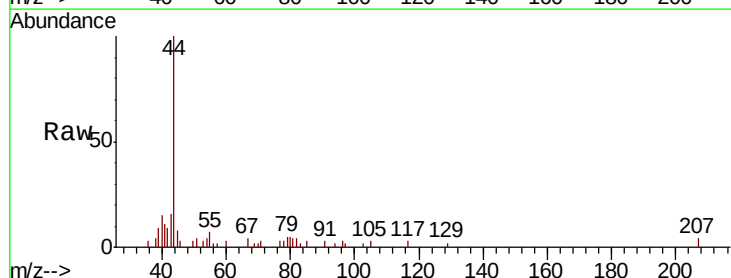
Acq: 8 Oct 2018 17:27

Tgt Ion: 85 Resp: 104

Ion Ratio Lower Upper

85 100

87 0.0 16.4 49.4#



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

2.12

200

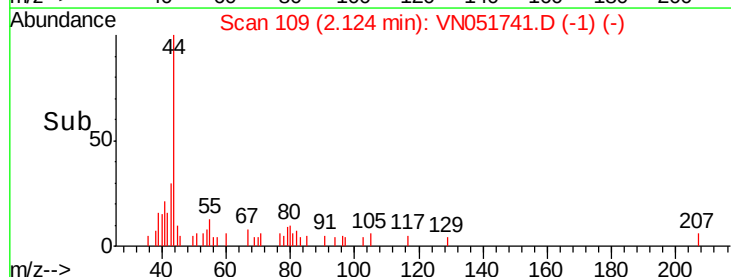
150

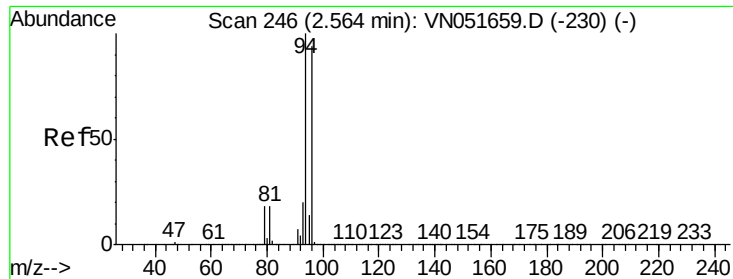
100

50

0

Time-->





#5

Bromomethane

Concen: 0.223 ug/l

RT: 2.56 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN051741.D

Acq: 8 Oct 2018 17:27

Instrument :

MSVOA_N

ClientSampleId :

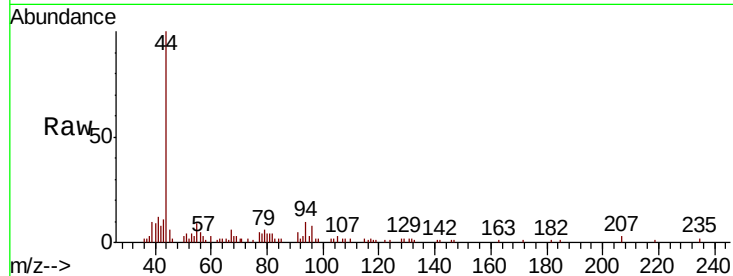
SR-STONE

Tot Ion: 94 Resp: 2209

Ion Ratio Lower Upper

94 100

96 78.6 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.56

1500

1000

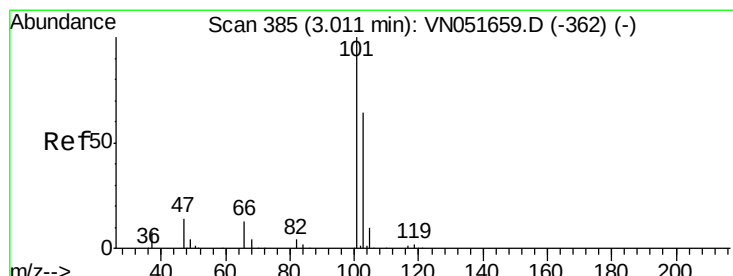
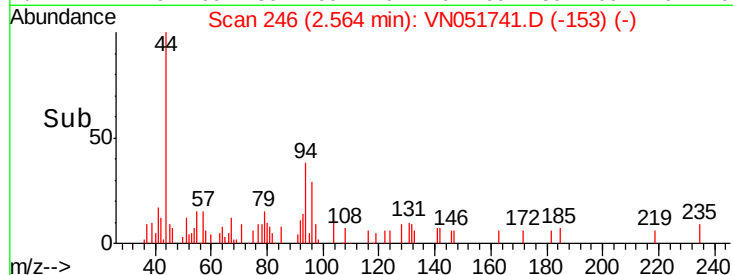
500

0

Time-->

2.55

2.60



#7

Trichlorofluoromethane

Concen: Below Cal

RT: 3.00 min Scan# 380

Delta R.T. -0.02 min

Lab File: VN051741.D

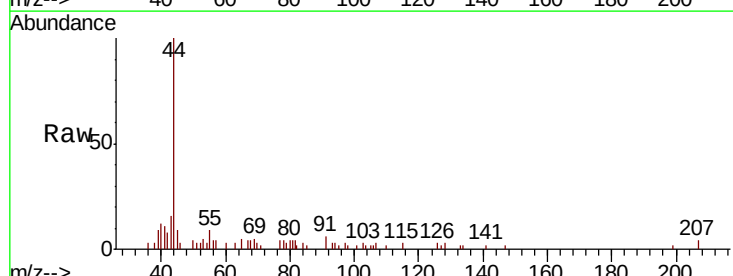
Acq: 8 Oct 2018 17:27

Tgt Ion:101 Resp: 77

Ion Ratio Lower Upper

101 100

103 113.5 51.1 76.7#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

400

300

200

100

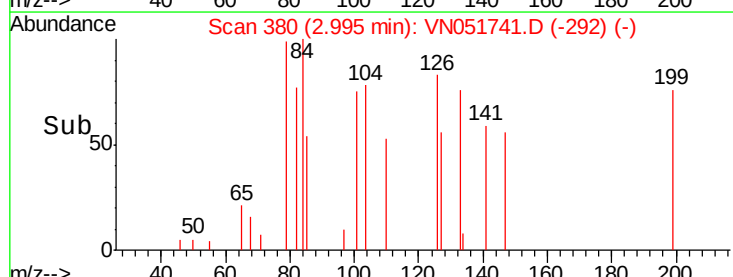
0

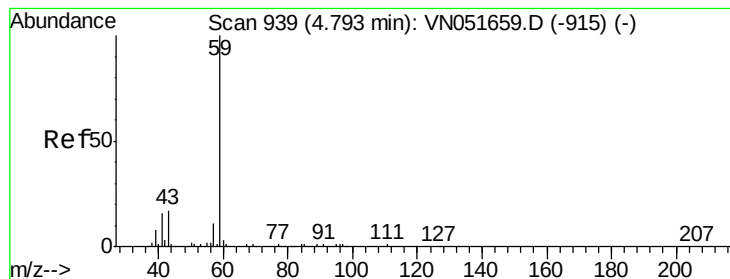
Time-->

2.99

3.00

3.01





#11

Tert butyl alcohol

Concen: 0.230 ug/l

RT: 4.78 min Scan# 934

Delta R.T. -0.02 min

Lab File: VN051741.D

Acq: 8 Oct 2018 17:27

Instrument :

MSVOA_N

ClientSampleId :

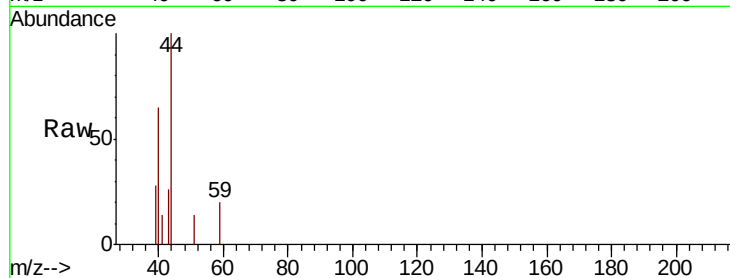
SR-STONE

Tot Ion: 59 Resp: 148

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

250

200

150

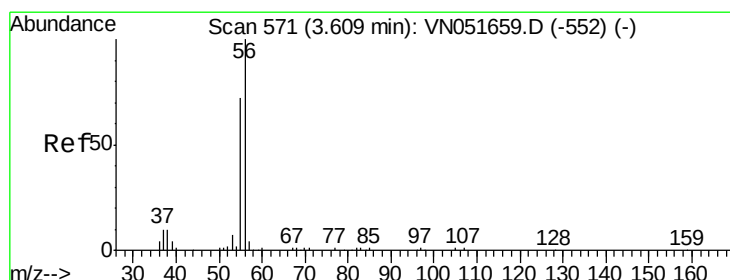
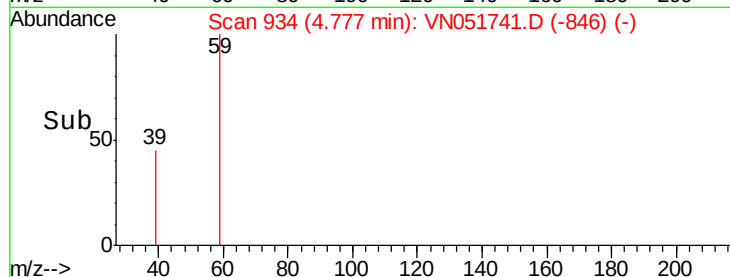
100

50

0

4.76 4.77 4.78 4.79

Time-->



#13

Acrolein

Concen: 0.252 ug/l

RT: 3.48 min Scan# 532

Delta R.T. -0.13 min

Lab File: VN051741.D

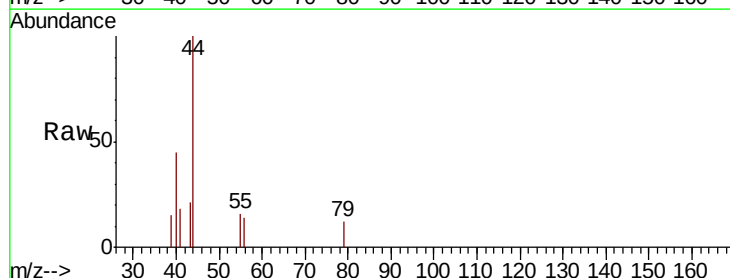
Acq: 8 Oct 2018 17:27

Tgt Ion: 56 Resp: 101

Ion Ratio Lower Upper

56 100

55 459.4 57.5 86.3#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

300

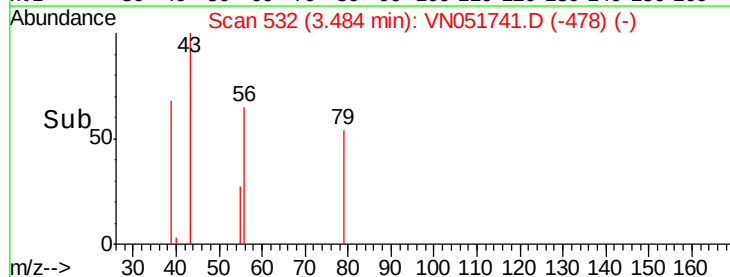
200

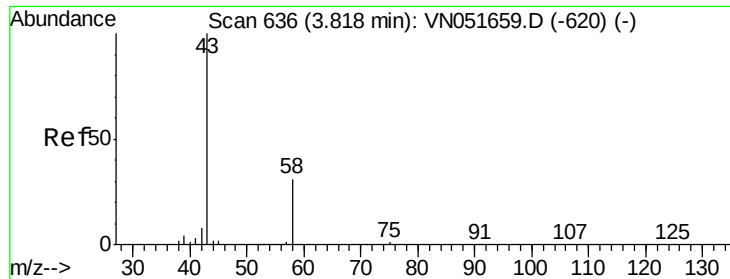
100

0

3.47 3.48 3.49 3.50

Time-->





#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051741.D

Acq: 8 Oct 2018 17:27

Instrument :

MSVOA_N

ClientSampleId :

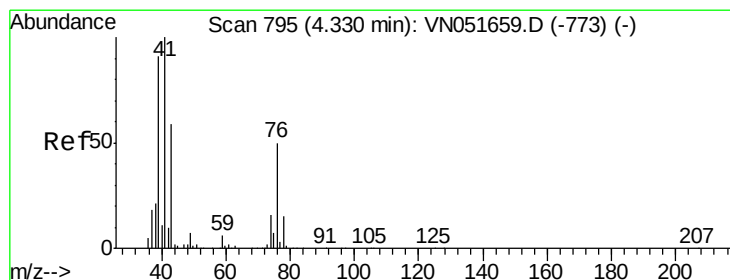
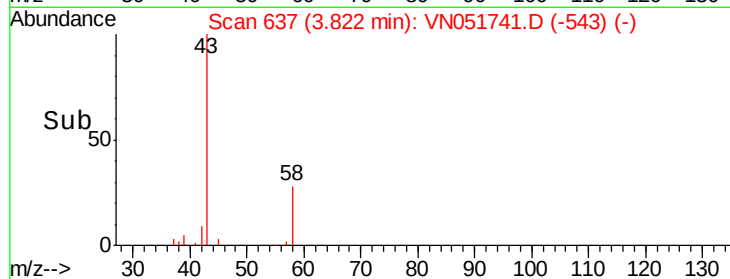
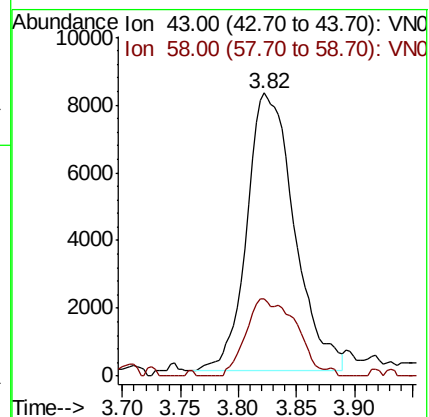
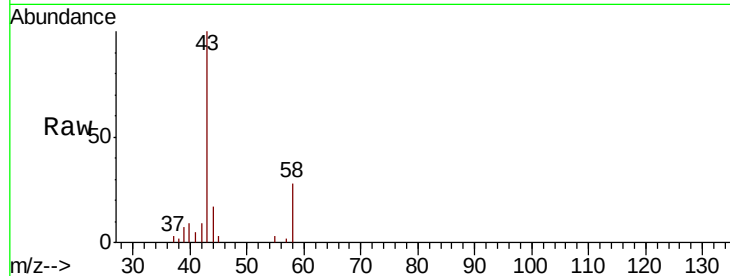
SR-STONE

Tot Ion: 43 Resp: 23289

Ion Ratio Lower Upper

43 100

58 28.1 24.3 36.5



#18

Methyl Acetate

Concen: 0.419 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN051741.D

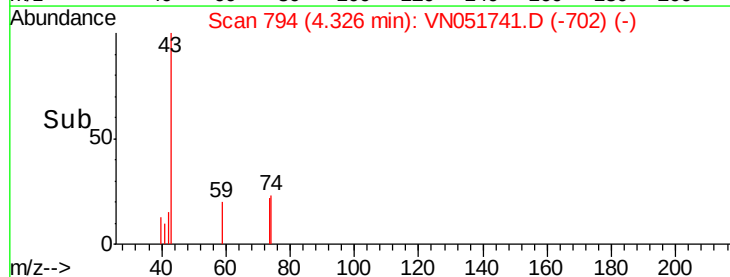
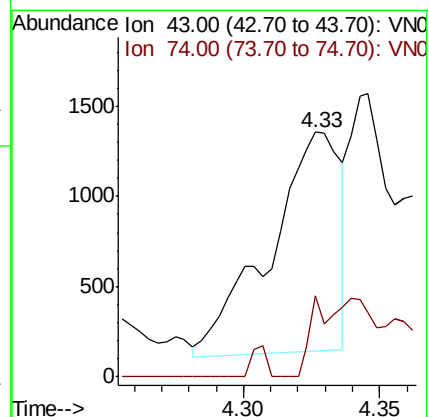
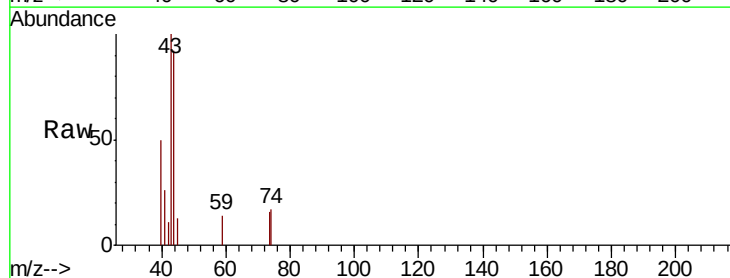
Acq: 8 Oct 2018 17:27

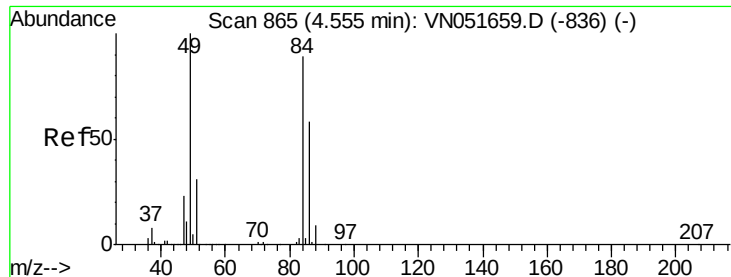
Tgt Ion: 43 Resp: 2186

Ion Ratio Lower Upper

43 100

74 30.1 21.5 32.3

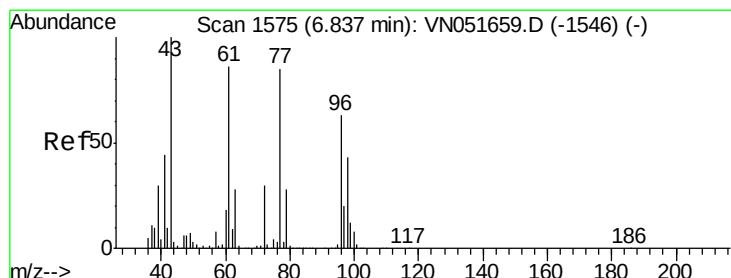
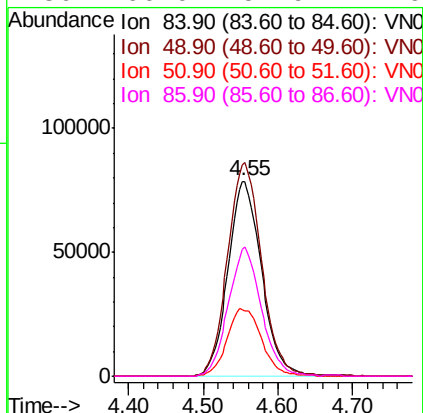
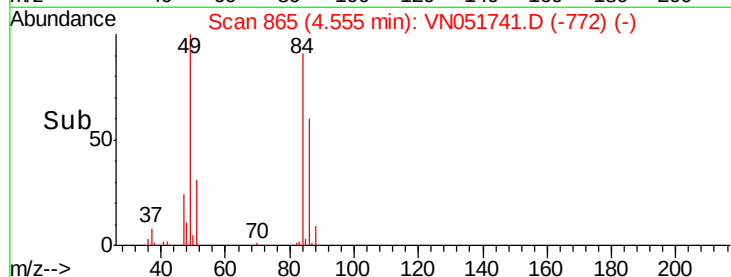
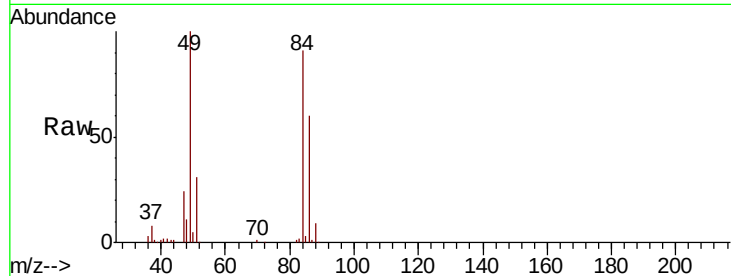




#20
Methylene Chloride
Concen: 31.612 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051741.D
Acq: 8 Oct 2018 17:27

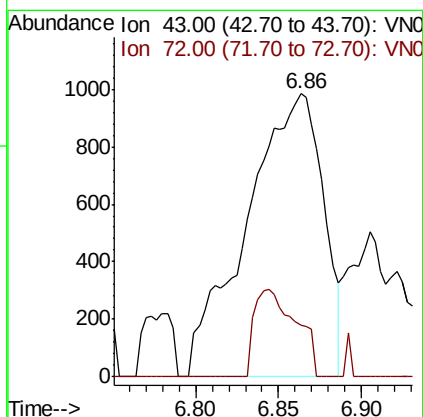
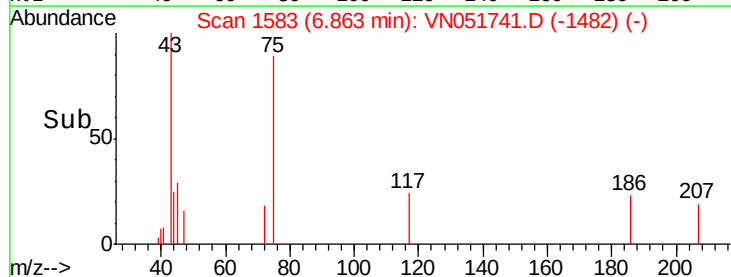
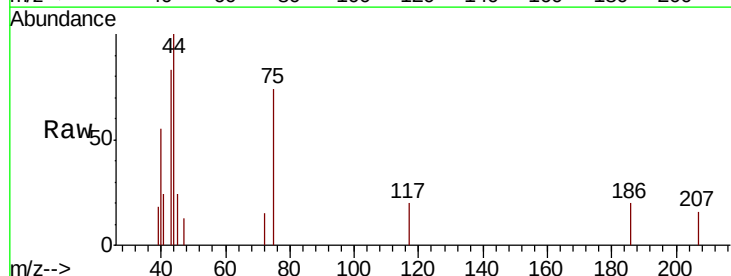
Instrument :
MSVOA_N
ClientSampled :
SR-STONE

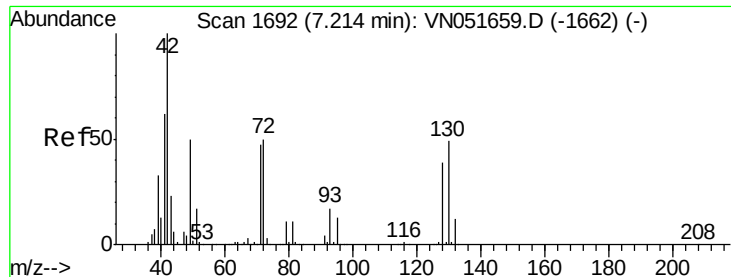
Tot Ion: 84 Resp: 245759
Ion Ratio Lower Upper
84 100
49 109.3 89.5 134.3
51 33.7 27.4 41.0
86 66.0 51.9 77.9



#25
2-Butanone
Concen: 1.159 ug/l
RT: 6.86 min Scan# 1583
Delta R.T. 0.03 min
Lab File: VN051741.D
Acq: 8 Oct 2018 17:27

Tgt Ion: 43 Resp: 3163
Ion Ratio Lower Upper
43 100
72 18.1 24.2 36.2#

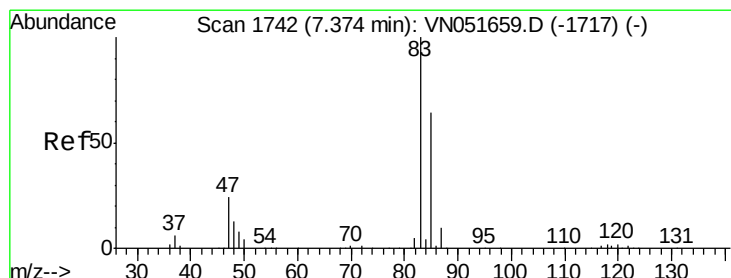
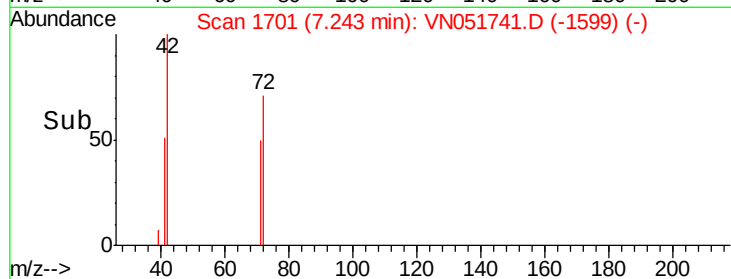
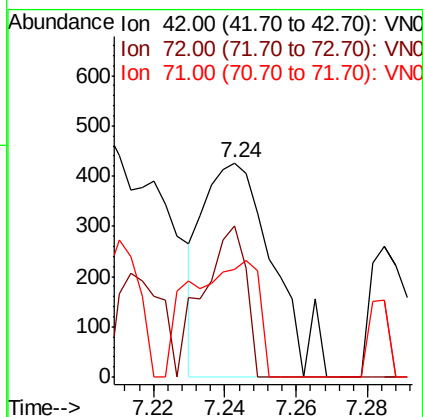
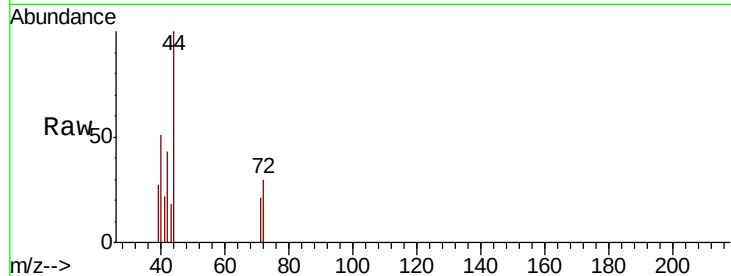




#29
Tetrahydrofuran
Concen: 0.348 ug/l
RT: 7.24 min Scan# 1701
Delta R.T. 0.03 min
Lab File: VN051741.D
Acq: 8 Oct 2018 17:27

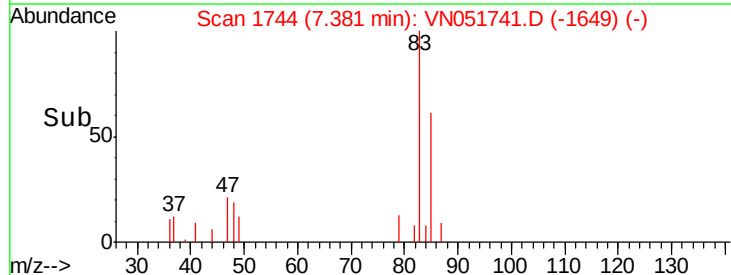
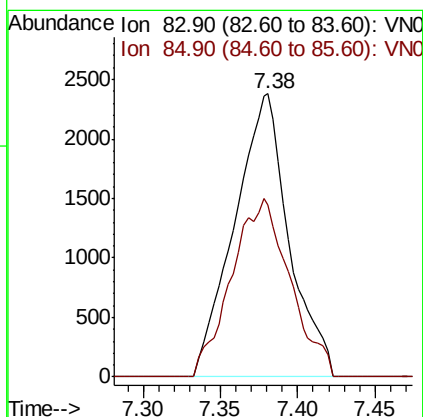
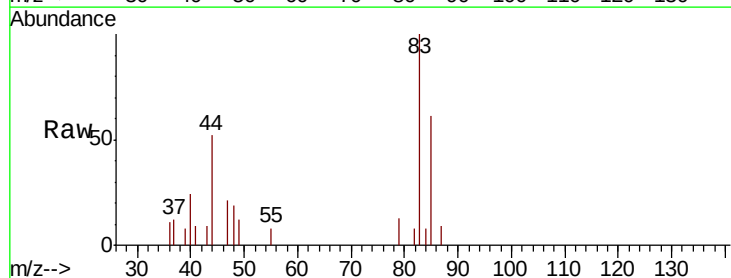
Instrument :
MSVOA_N
ClientSampled :
SR-STONE

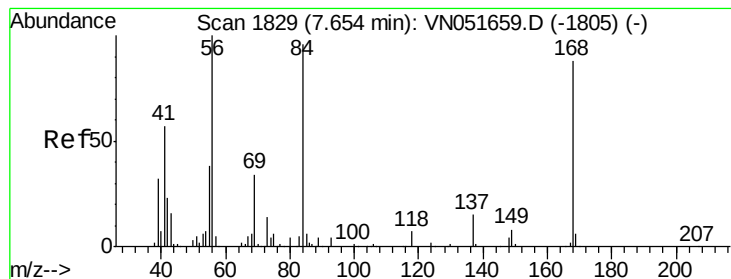
Tot Ion: 42 Resp: 583
Ion Ratio Lower Upper
42 100
72 42.9 40.1 60.1
71 52.8 38.0 57.0



#30
Chloroform
Concen: 0.371 ug/l
RT: 7.38 min Scan# 1744
Delta R.T. 0.01 min
Lab File: VN051741.D
Acq: 8 Oct 2018 17:27

Tgt Ion: 83 Resp: 5841
Ion Ratio Lower Upper
83 100
85 60.9 51.6 77.4





#31

Cyclohexane

Concen: 1.122 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.02 min

Lab File: VN051741.D

Acq: 8 Oct 2018 17:27

Instrument :

MSVOA_N

ClientSampled :

SR-STONE

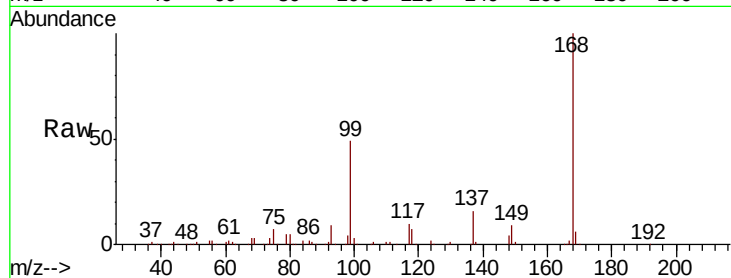
Tot Ion: 56 Resp: 14391

Ion Ratio Lower Upper

56 100

69 135.3 27.5 41.3#

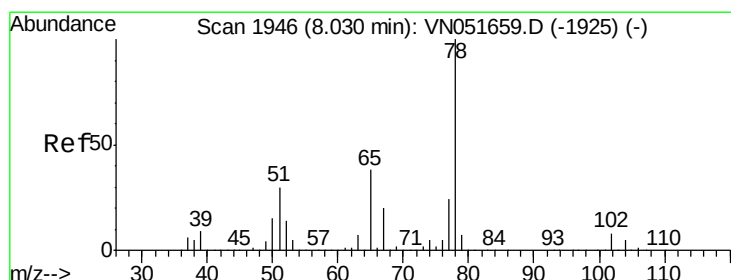
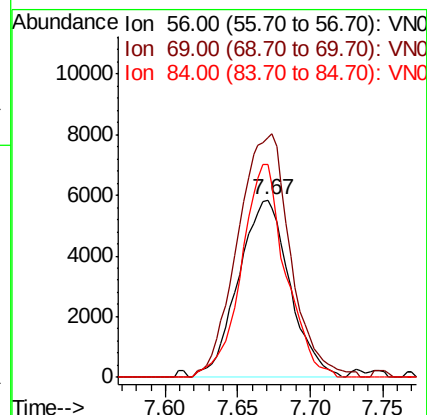
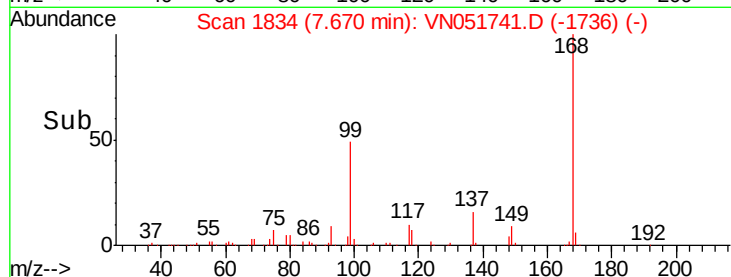
84 120.1 76.7 115.1#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051741.D

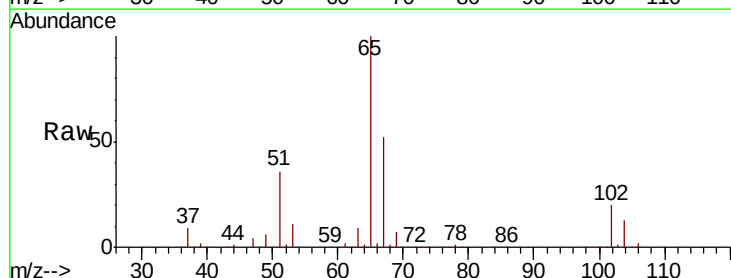
Acq: 8 Oct 2018 17:27

Tgt Ion: 65 Resp: 426600

Ion Ratio Lower Upper

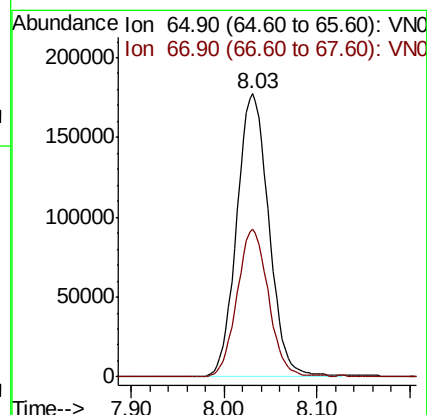
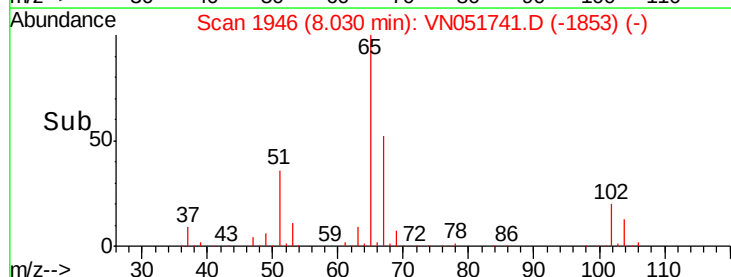
65 100

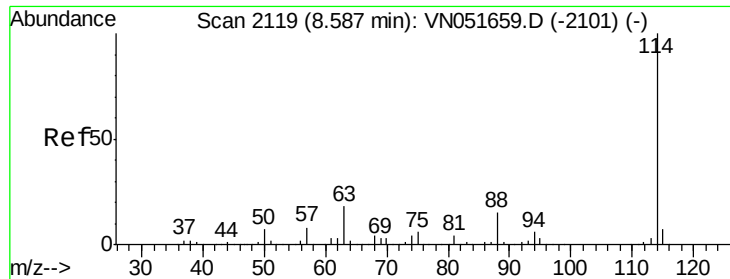
67 50.9 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

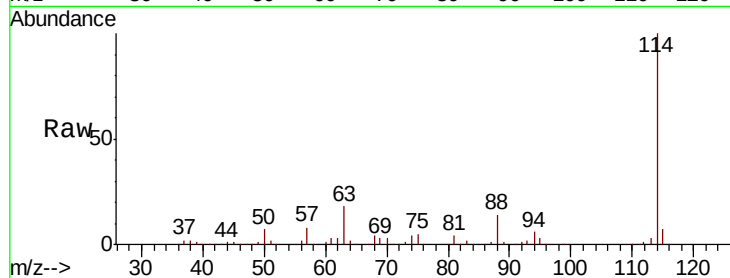




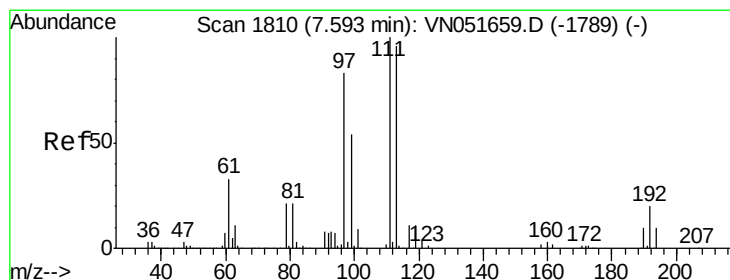
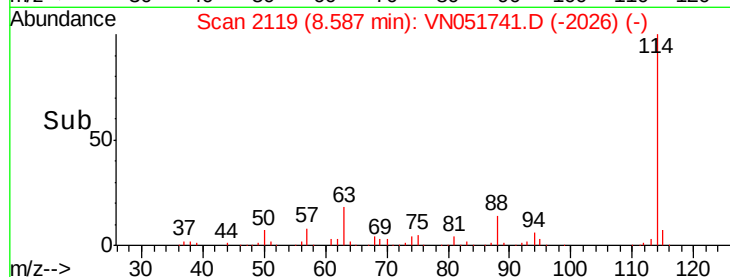
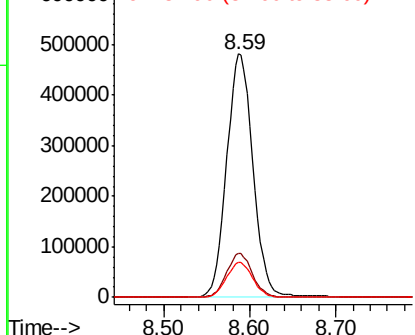
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN051741.D
Acq: 8 Oct 2018 17:27

Instrument :
MSVOA_N
ClientSampleId :
SR-STONE

Tot Ion:114 Resp: 1024175
Ion Ratio Lower Upper
114 100
63 18.1 0.0 36.2
88 14.3 0.0 30.2

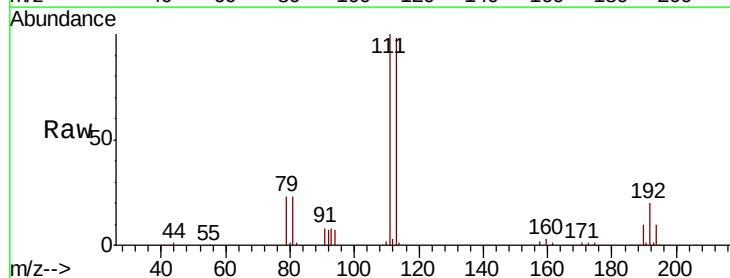


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

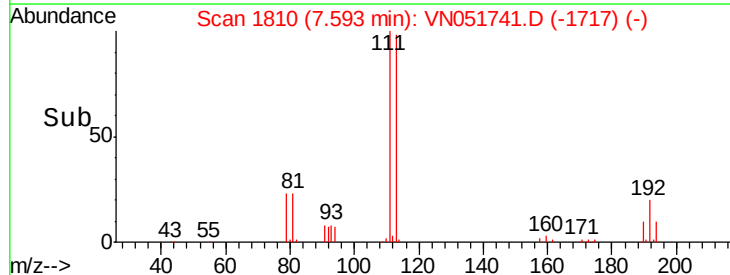
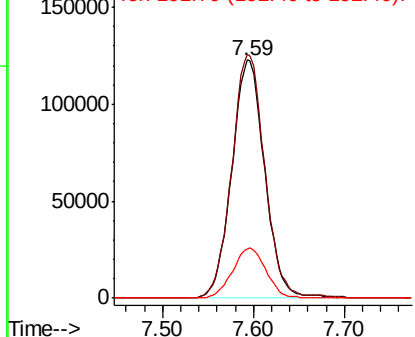


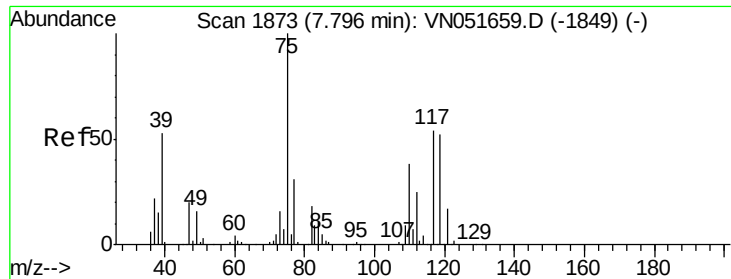
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051741.D
Acq: 8 Oct 2018 17:27

Tgt Ion:113 Resp: 308943
Ion Ratio Lower Upper
113 100
111 101.7 81.8 122.8
192 21.4 16.5 24.7



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

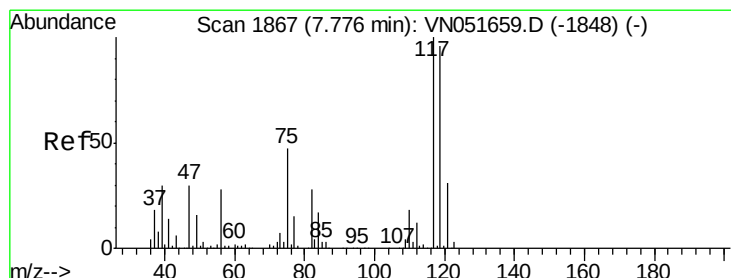
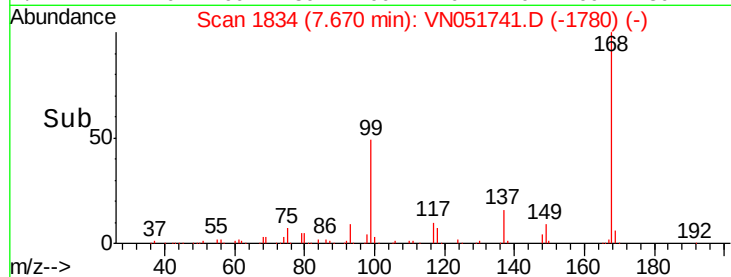
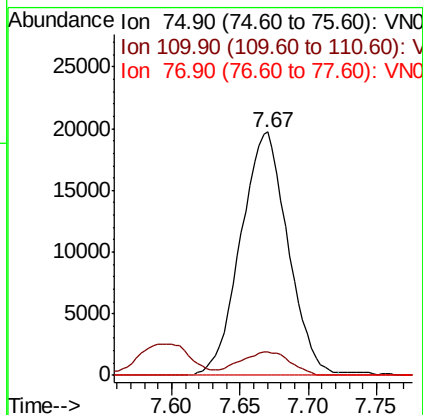
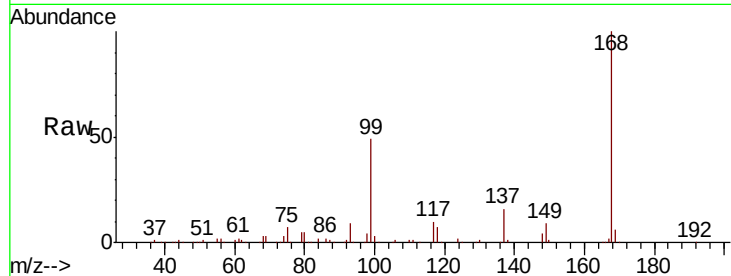




#36
 1,1-Dichloropropene
 Concen: 4.427 ug/l
 RT: 7.67 min Scan# 1834
 Delta R.T. -0.13 min
 Lab File: VN051741.D
 Acq: 8 Oct 2018 17:27

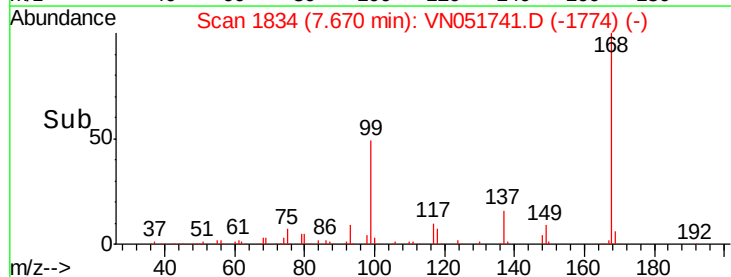
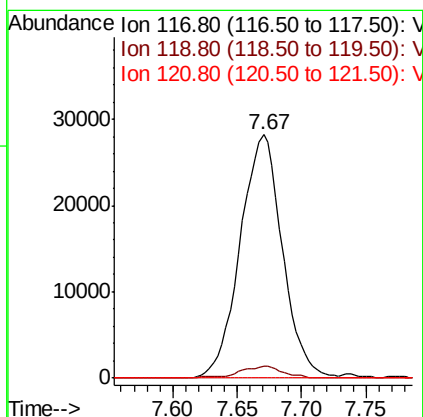
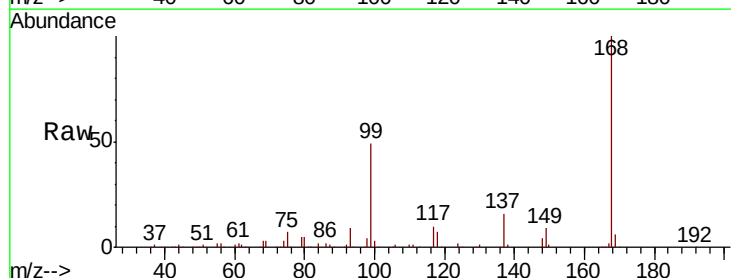
Instrument :
 MSVOA_N
 ClientSampled :
 SR-STONE

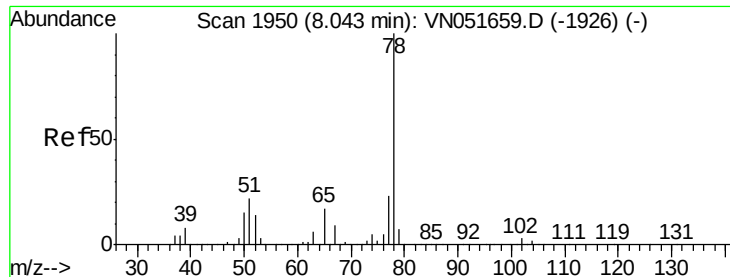
Tot Ion: 75 Resp: 47393
 Ion Ratio Lower Upper
 75 100
 110 10.4 19.3 57.8#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 4.996 ug/l
 RT: 7.67 min Scan# 1834
 Delta R.T. -0.11 min
 Lab File: VN051741.D
 Acq: 8 Oct 2018 17:27

Tgt Ion: 117 Resp: 64175
 Ion Ratio Lower Upper
 117 100
 119 4.8 77.0 115.6#
 121 0.0 25.0 37.6#





#40

Benzene

Concen: 0.280 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN051741.D

Acq: 8 Oct 2018 17:27

Instrument :

MSVOA_N

ClientSampleId :

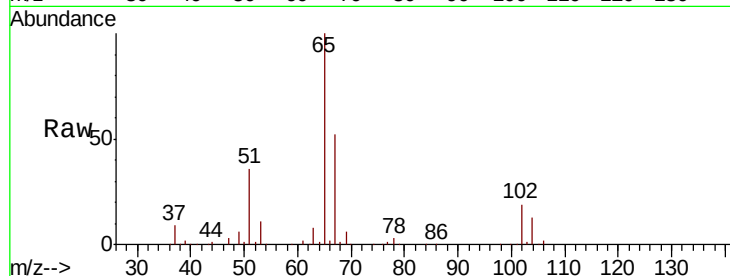
SR-STONE

Tot Ion: 78 Resp: 8881

Ion Ratio Lower Upper

78 100

77 21.0 18.5 27.7



Abundance Ion 78.00 (77.70 to 78.70): VN051659.D (-1926) (-)

Ion 77.00 (76.70 to 77.70): VN051659.D (-1926) (-)

8.04

4000

3000

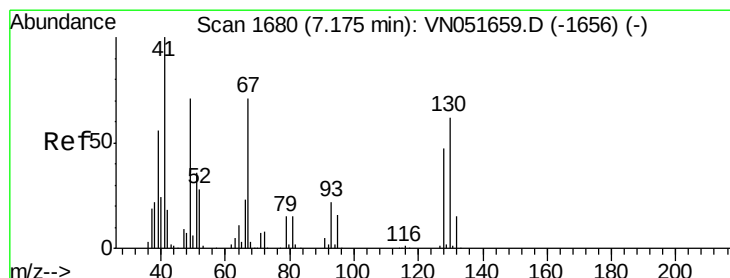
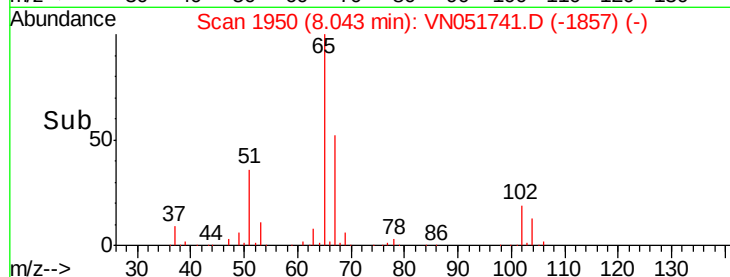
2000

1000

0

8.00 8.05 8.10

Time-->



#41

Methacrylonitrile

Concen: Below Cal

RT: 7.19 min Scan# 1686

Delta R.T. 0.02 min

Lab File: VN051741.D

Acq: 8 Oct 2018 17:27

Tgt Ion: 41 Resp: 131

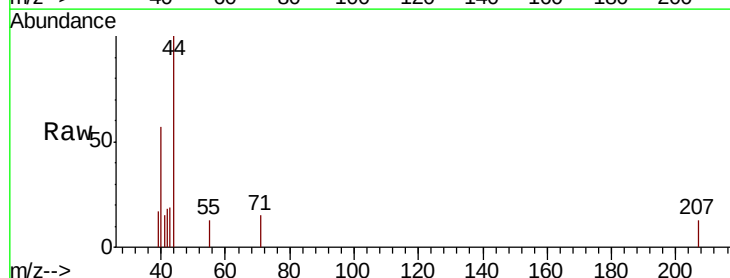
Ion Ratio Lower Upper

41 100

39 110.7 53.9 80.9#

67 51.1 78.1 117.1#

52 0.0 32.3 48.5#



Abundance Ion 41.00 (40.70 to 41.70): VN051659.D (-1656) (-)

Ion 39.00 (38.70 to 39.70): VN051659.D (-1656) (-)

Ion 67.00 (66.70 to 67.70): VN051659.D (-1656) (-)

Ion 52.00 (51.70 to 52.70): VN051659.D (-1656) (-)

400

300

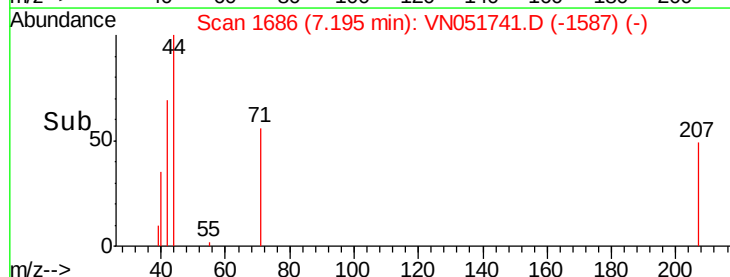
200

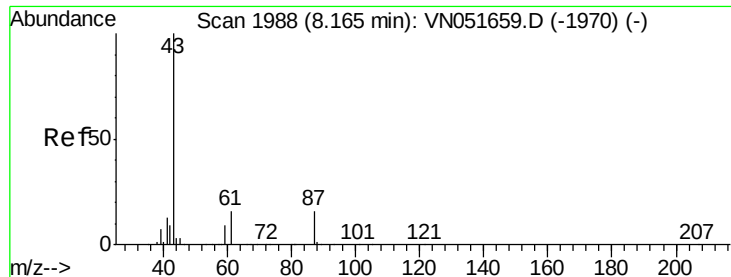
100

0

7.18 7.19 7.20

Time-->





#43

Isopropyl Acetate

Concen: 0.906 ug/l

RT: 8.23 min Scan# 2007

Delta R.T. 0.06 min

Lab File: VN051741.D

Acq: 8 Oct 2018 17:27

Instrument :

MSVOA_N

ClientSampled :

SR-STONE

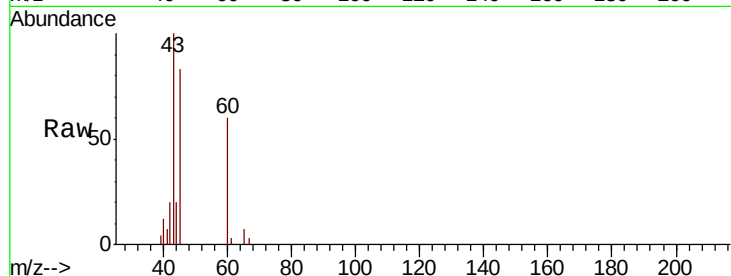
Tot Ion: 43 Resp: 10545

Ion Ratio Lower Upper

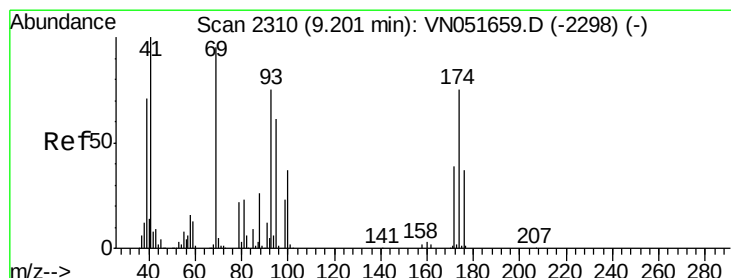
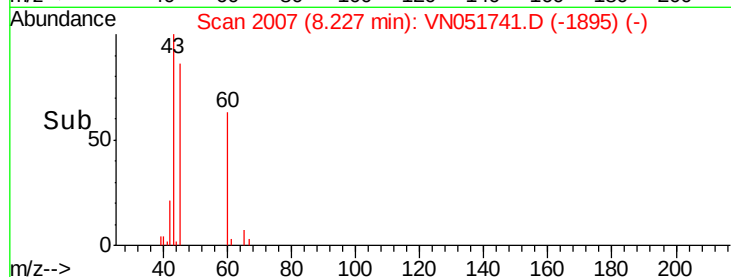
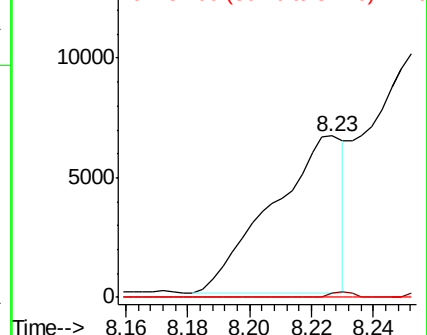
43 100

61 0.0 15.8 23.6#

87 0.0 12.6 19.0#



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



#48

Methyl methacrylate

Concen: 1.062 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.02 min

Lab File: VN051741.D

Acq: 8 Oct 2018 17:27

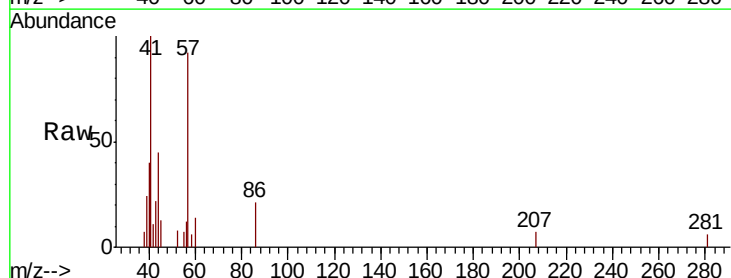
Tgt Ion: 41 Resp: 5649

Ion Ratio Lower Upper

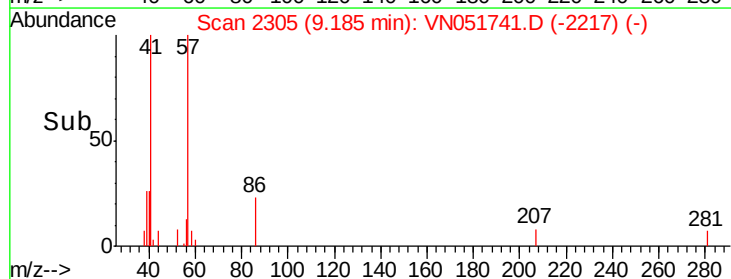
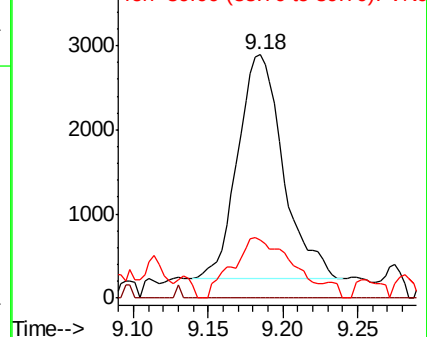
41 100

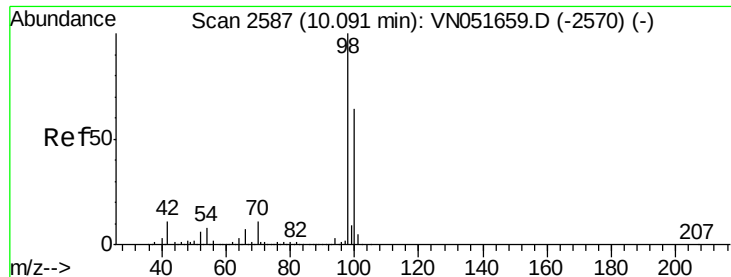
69 0.0 78.6 118.0#

39 34.9 59.2 88.8#



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

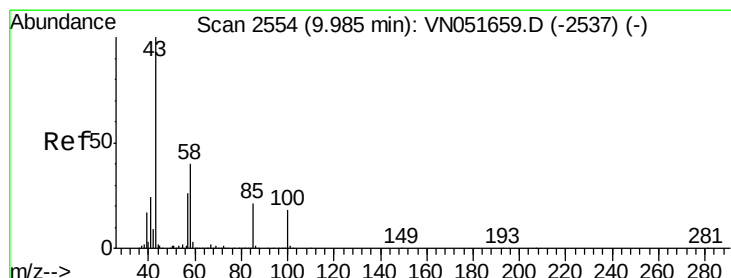
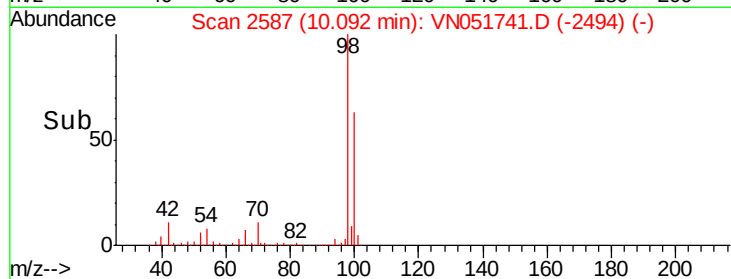
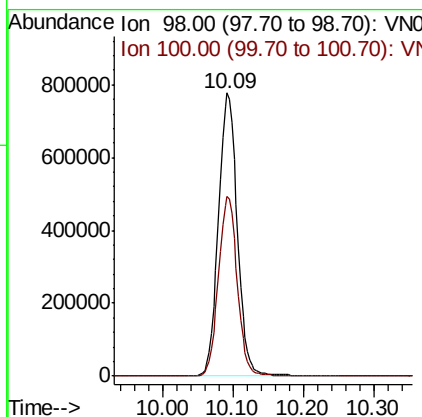
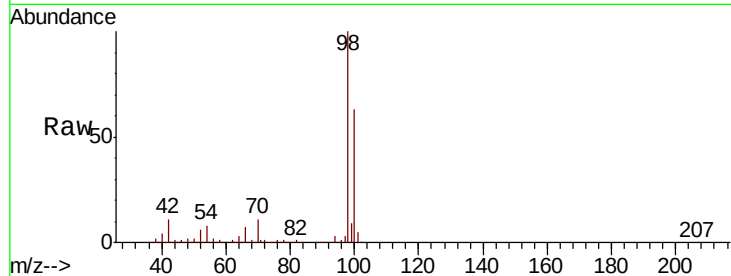




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051741.D
Acq: 8 Oct 2018 17:27

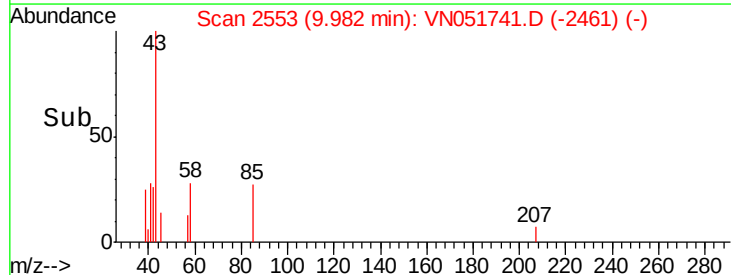
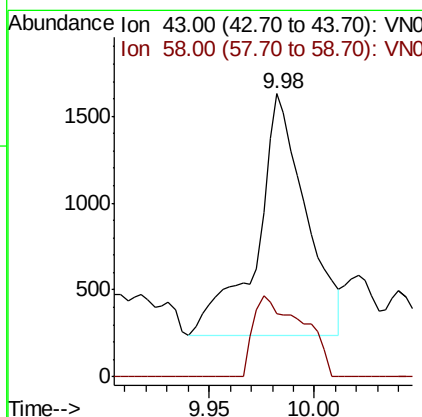
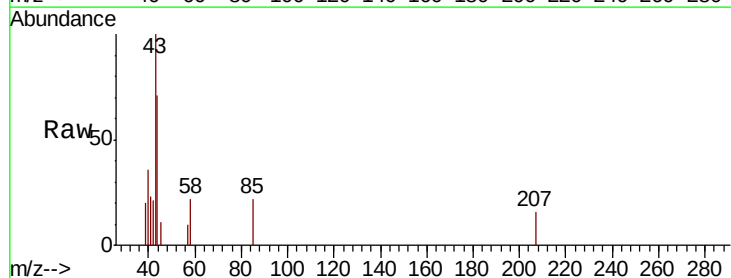
Instrument :
MSVOA_N
ClientSampled :
SR-STONE

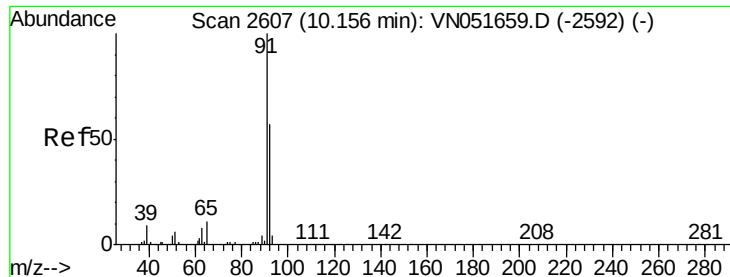
Tot Ion: 98 Resp: 1451595
Ion Ratio Lower Upper
98 100
100 63.3 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.383 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN051741.D
Acq: 8 Oct 2018 17:27

Tgt Ion: 43 Resp: 2262
Ion Ratio Lower Upper
43 100
58 33.6 32.2 48.2





#52

Toluene

Concen: 1.032 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN051741.D

Acq: 8 Oct 2018 17:27

Instrument :

MSVOA_N

ClientSampled :

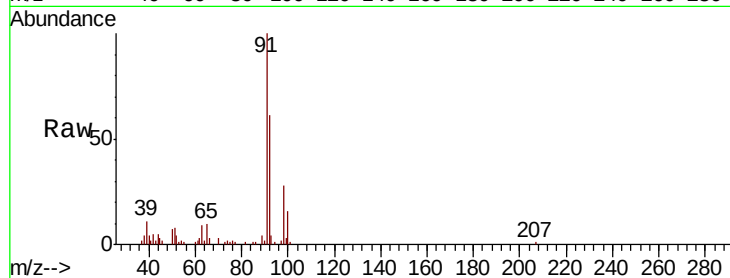
SR-STONE

Tot Ion: 92 Resp: 21793

Ion Ratio Lower Upper

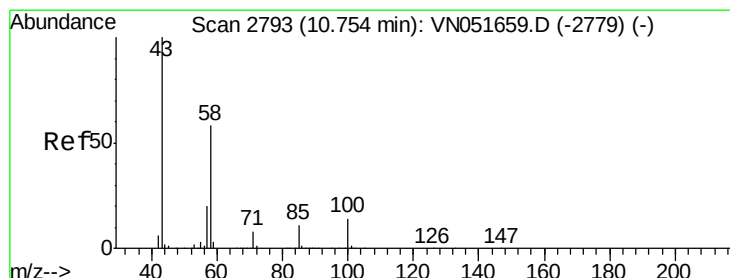
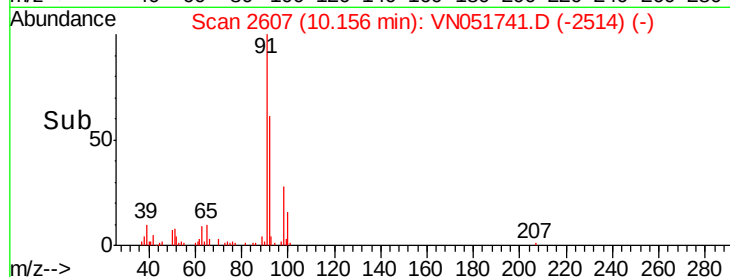
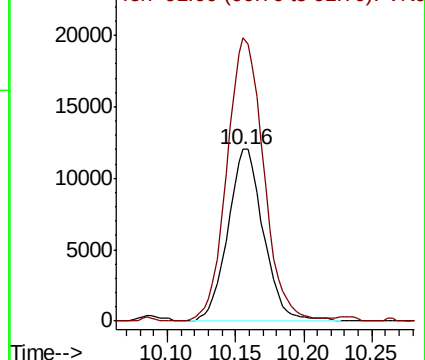
92 100

91 170.3 140.3 210.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#59

2-Hexanone

Concen: 0.832 ug/l

RT: 10.72 min Scan# 2781

Delta R.T. -0.04 min

Lab File: VN051741.D

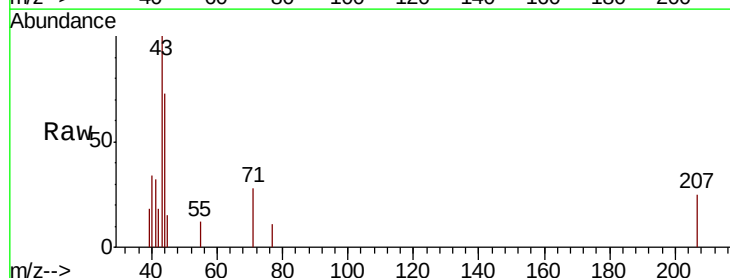
Acq: 8 Oct 2018 17:27

Tgt Ion: 43 Resp: 3334

Ion Ratio Lower Upper

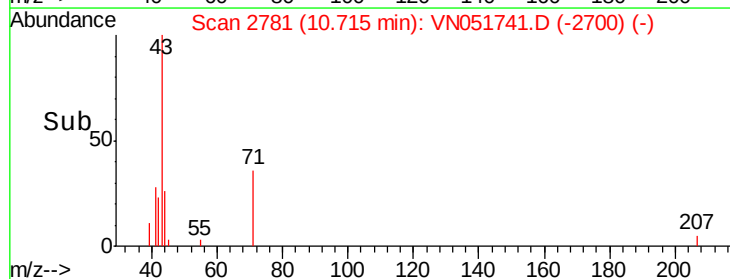
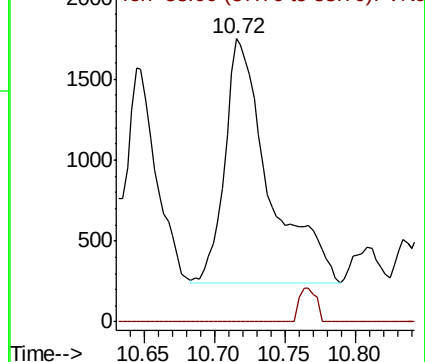
43 100

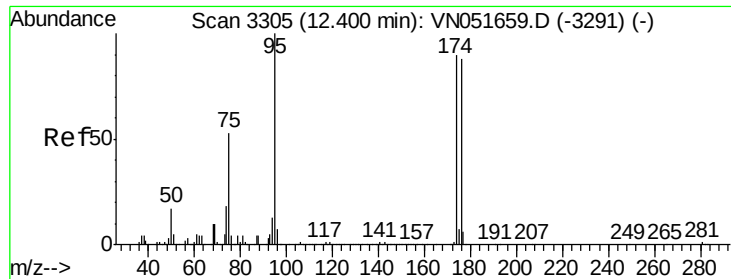
58 0.0 28.8 86.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051741.D

Acq: 8 Oct 2018 17:27

Instrument :

MSVOA_N

ClientSampleId :

SR-STONE

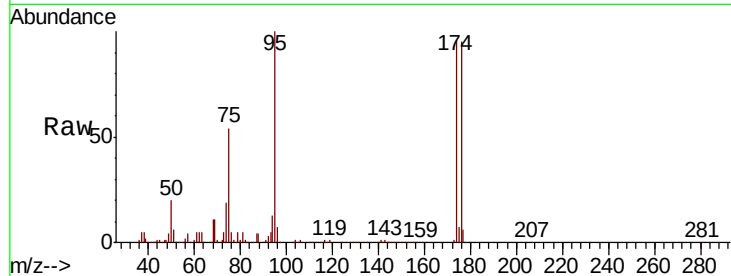
Tot Ion: 95 Resp: 421966

Ion Ratio Lower Upper

95 100

174 96.4 0.0 182.8

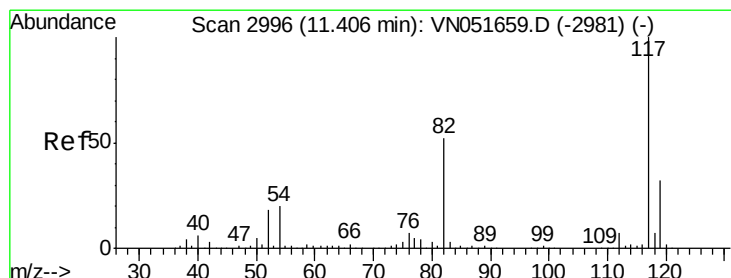
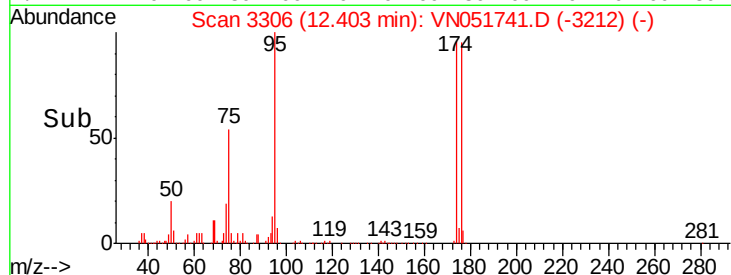
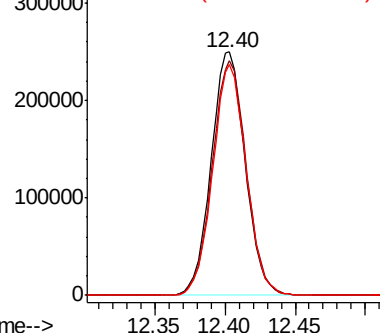
176 93.5 0.0 176.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051741.D

Acq: 8 Oct 2018 17:27

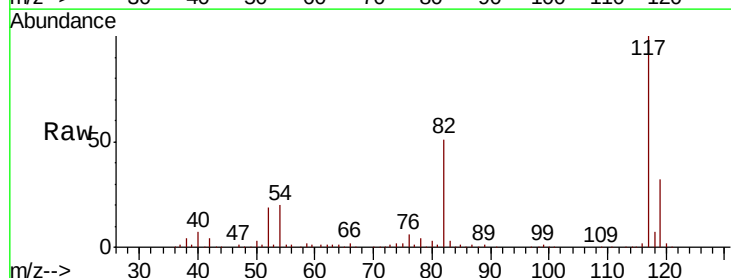
Tgt Ion: 117 Resp: 901978

Ion Ratio Lower Upper

117 100

82 51.0 41.3 61.9

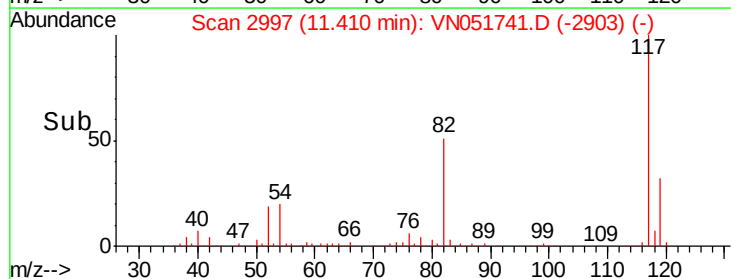
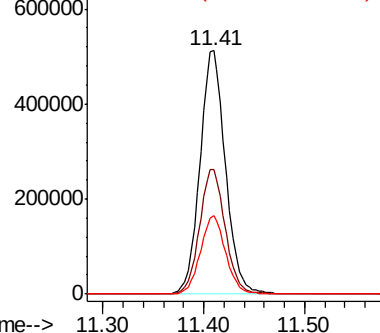
119 32.2 25.9 38.9

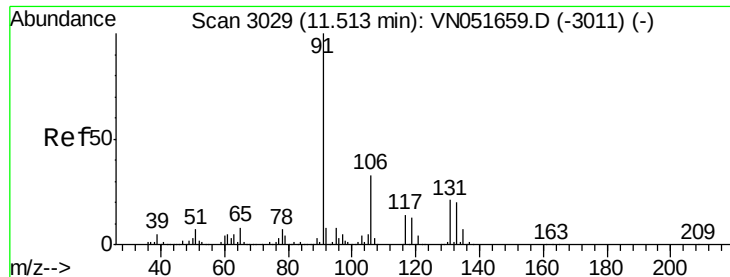


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

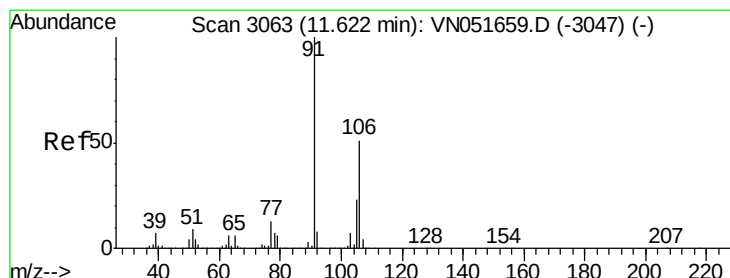
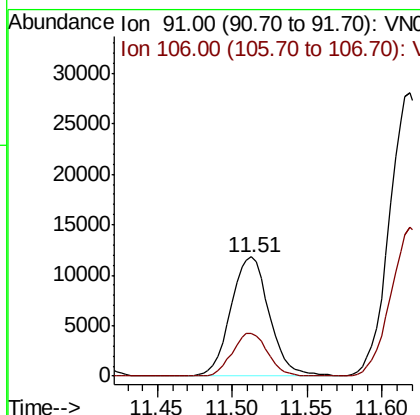
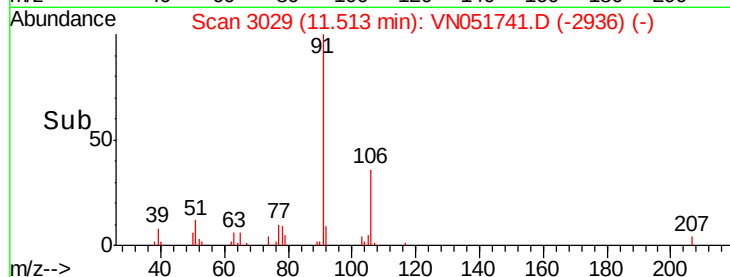
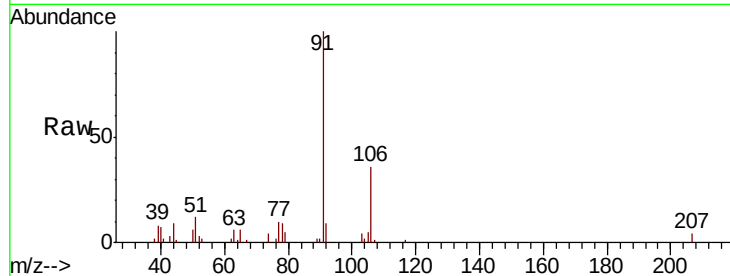




#67
Ethyl Benzene
Concen: 0.550 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN051741.D
Acq: 8 Oct 2018 17:27

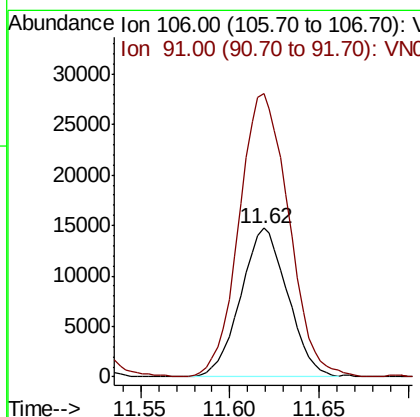
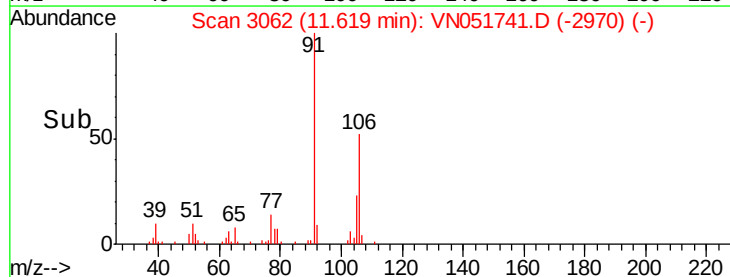
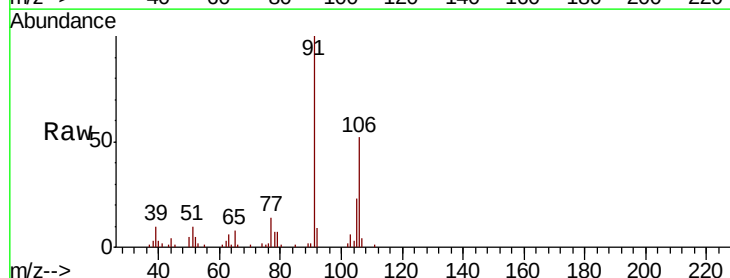
Instrument :
MSVOA_N
ClientSampled :
SR-STONE

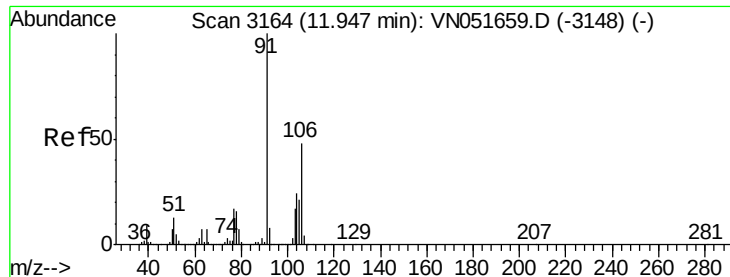
Tot Ion: 91 Resp: 21241
Ion Ratio Lower Upper
91 100
106 35.9 26.0 39.0



#68
m/p-Xylenes
Concen: 1.759 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN051741.D
Acq: 8 Oct 2018 17:27

Tgt Ion: 106 Resp: 27182
Ion Ratio Lower Upper
106 100
91 200.8 158.4 237.6

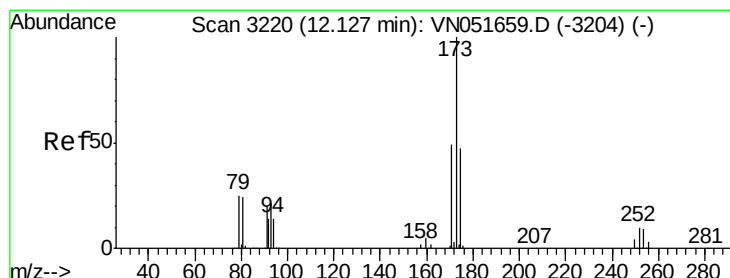
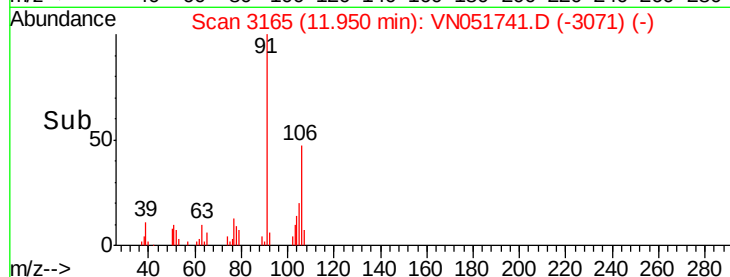
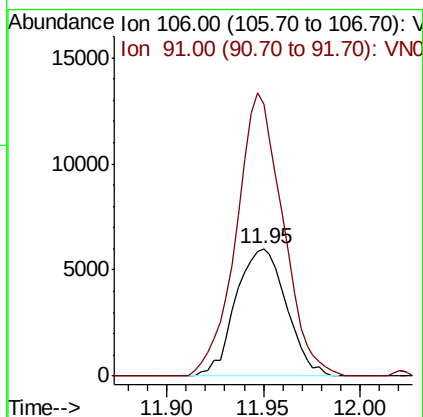
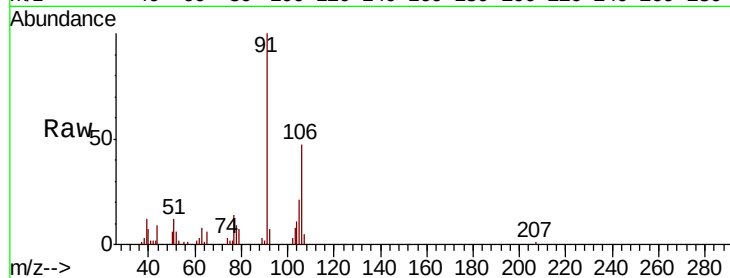




#69
o-Xylene
Concen: 0.719 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN051741.D
Acq: 8 Oct 2018 17:27

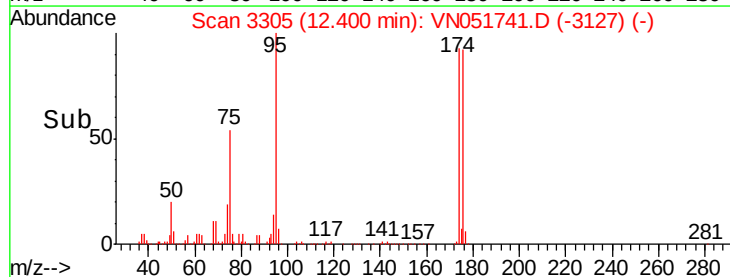
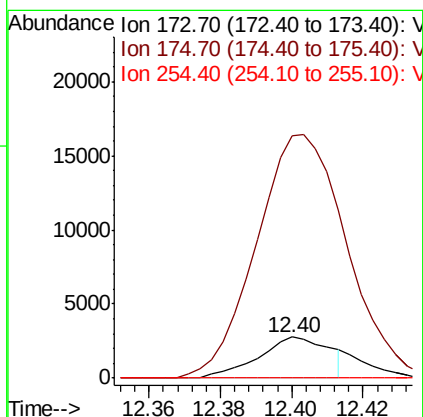
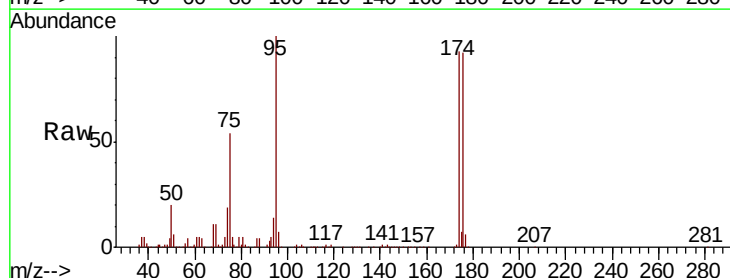
Instrument :
MSVOA_N
ClientSampled :
SR-STONE

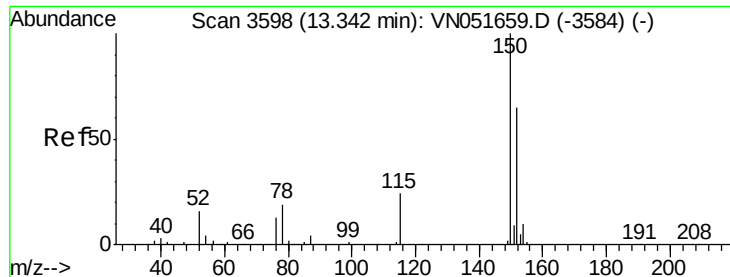
Tot Ion:106 Resp: 10897
Ion Ratio Lower Upper
106 100
91 205.2 104.4 313.2



#71
Bromoform
Concen: 0.570 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN051741.D
Acq: 8 Oct 2018 17:27

Tgt Ion:173 Resp: 3791
Ion Ratio Lower Upper
173 100
175 639.6 24.0 72.0#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051741.D

Acq: 8 Oct 2018 17:27

Instrument :

MSVOA_N

ClientSampleId :

SR-STONE

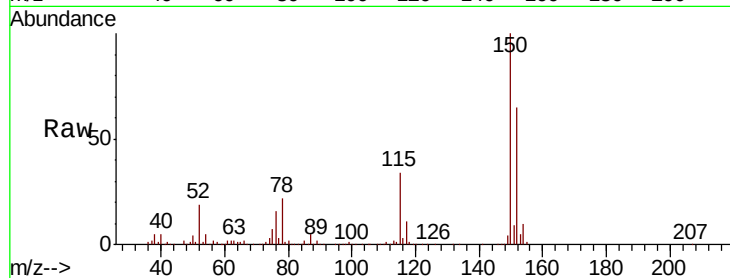
Tot Ion:152 Resp: 385363

Ion Ratio Lower Upper

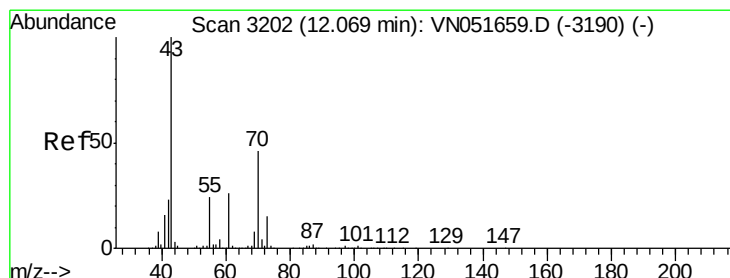
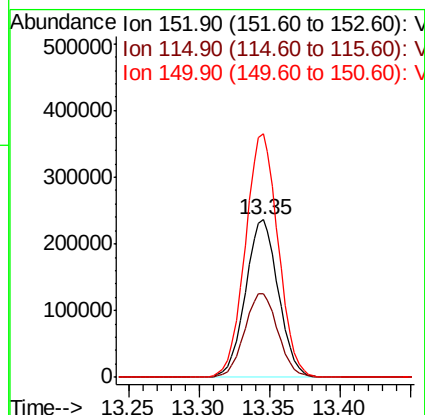
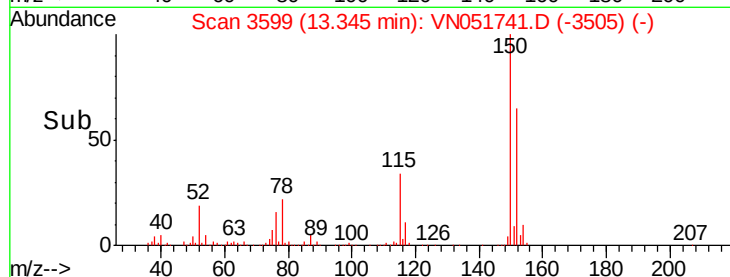
152 100

115 53.9 28.6 85.8

150 154.9 0.0 352.4



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



#74

N-ethyl acetate

Concen: Below Cal

RT: 12.08 min Scan# 3205

Delta R.T. 0.01 min

Lab File: VN051741.D

Acq: 8 Oct 2018 17:27

Tgt Ion: 43 Resp: 136

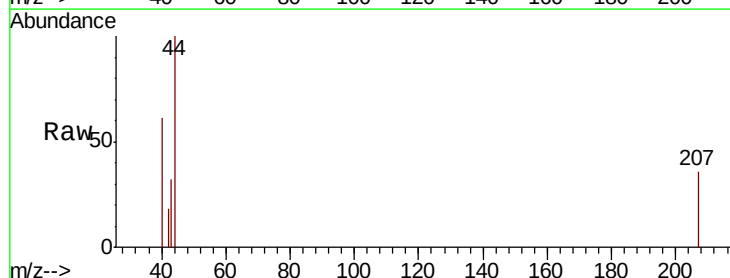
Ion Ratio Lower Upper

43 100

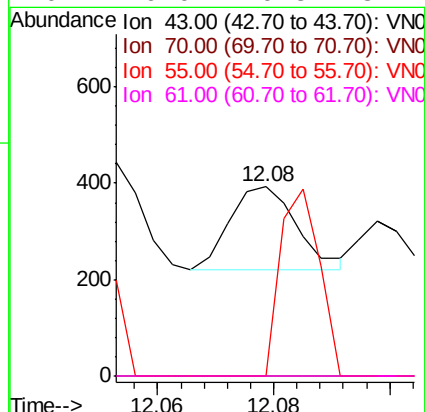
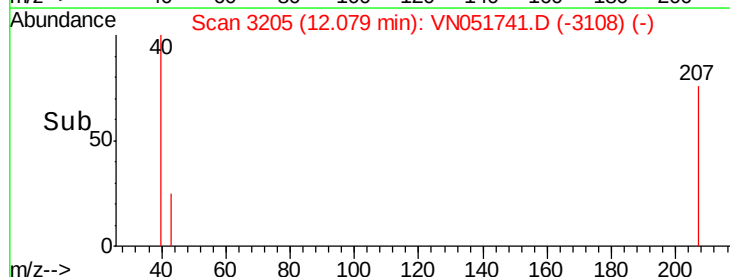
70 0.0 37.1 55.7#

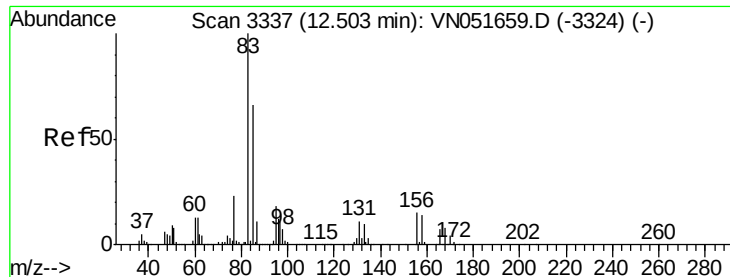
55 133.8 19.1 28.7#

61 0.0 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 70.00 (69.70 to 70.70): VNO
Ion 55.00 (54.70 to 55.70): VNO
Ion 61.00 (60.70 to 61.70): VNO





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3304

Delta R.T. -0.11 min

Lab File: VN051741.D

Acq: 8 Oct 2018 17:27

Instrument :

MSVOA_N

ClientSampleId :

SR-STONE

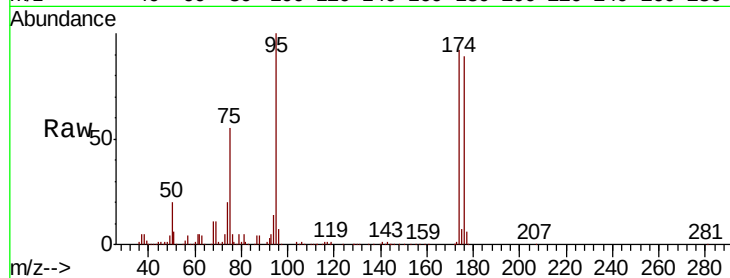
Tot Ion: 83 Resp: 414

Ion Ratio Lower Upper

83 100

131 148.1 5.7 17.1#

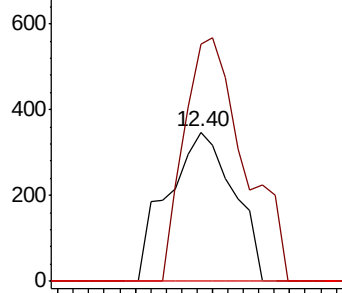
85 0.0 33.0 98.9#



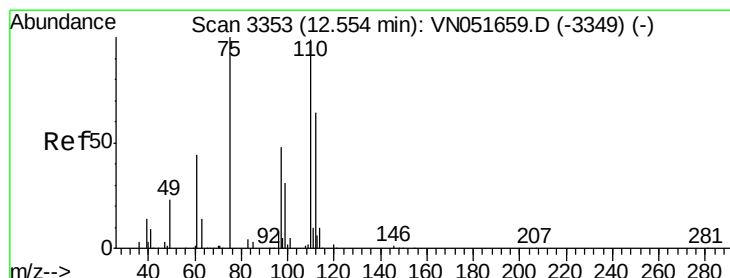
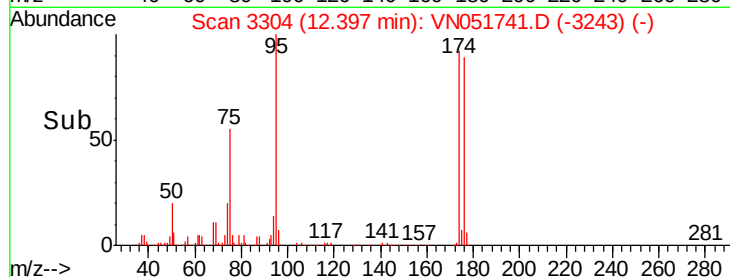
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



Time--> 12.36 12.38 12.40 12.42



#76

1,2,3-Trichloropropane

Concen: 47.461 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051741.D

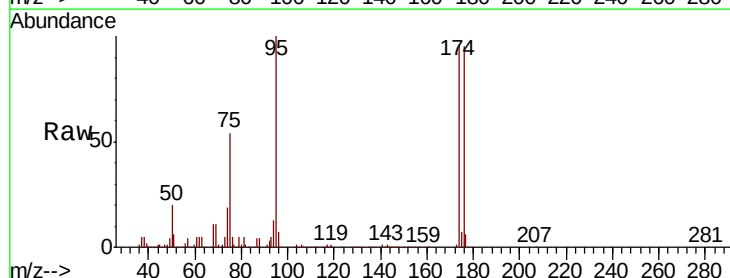
Acq: 8 Oct 2018 17:27

Tgt Ion: 75 Resp: 228251

Ion Ratio Lower Upper

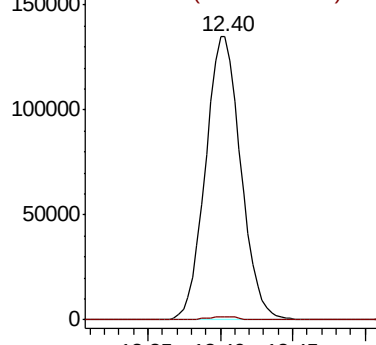
75 100

77 1.1 0.0 0.0#

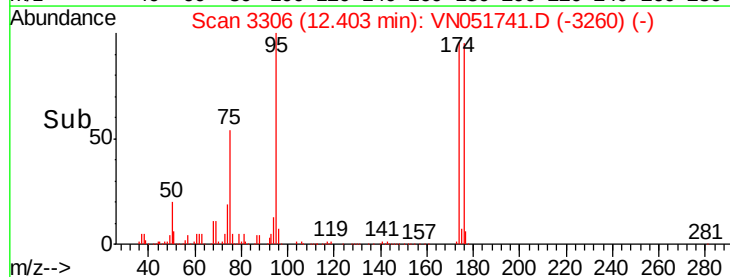


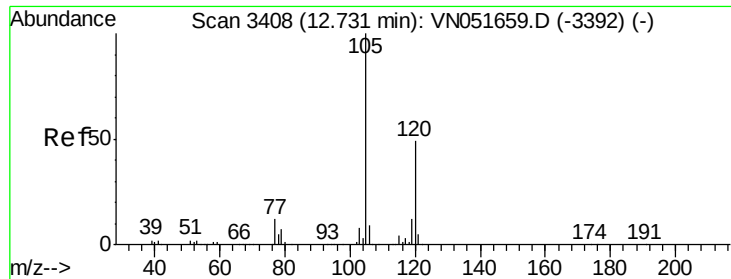
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



Time--> 12.35 12.40 12.45

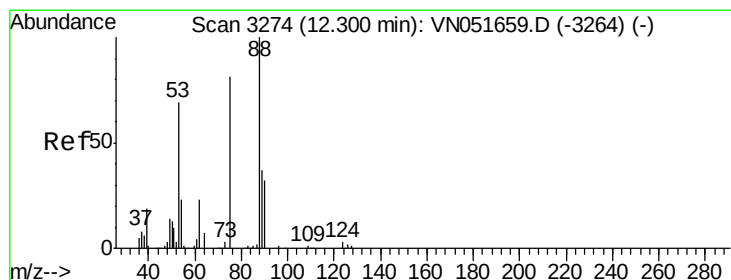
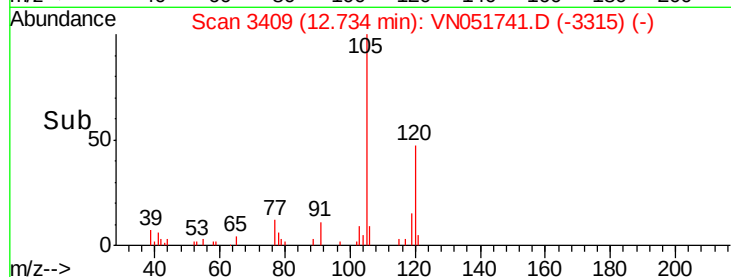
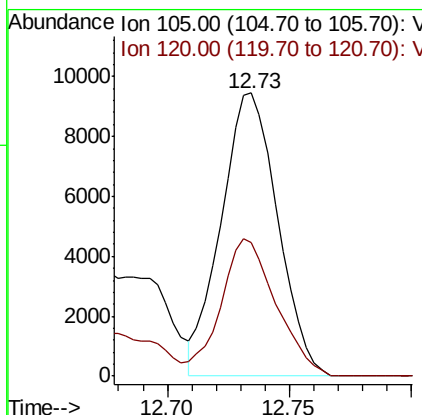
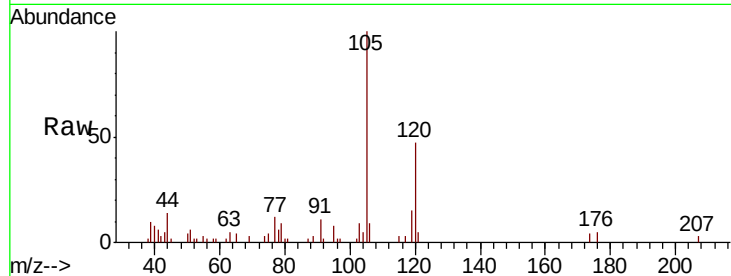




#80
 1,3,5-Trimethylbenzene
 Concen: 0.550 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN051741.D
 Acq: 8 Oct 2018 17:27

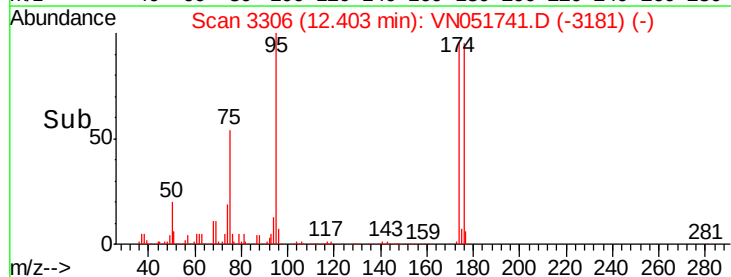
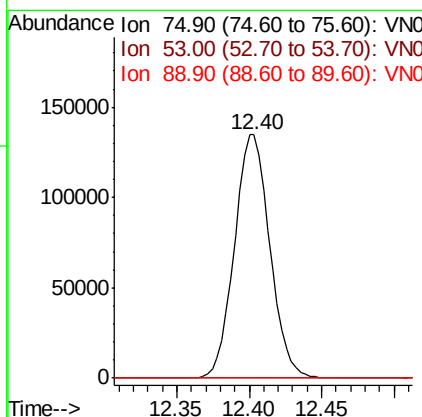
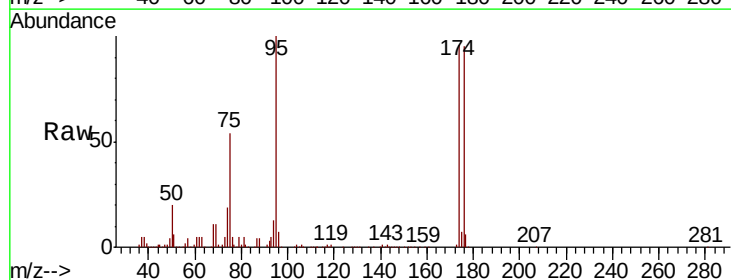
Instrument :
 MSVOA_N
 ClientSampled :
 SR-STONE

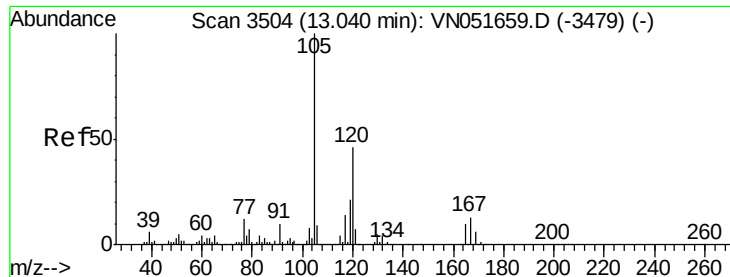
Tot Ion:105 Resp: 15225
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.6 74.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.877 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN051741.D
 Acq: 8 Oct 2018 17:27

Tgt Ion: 75 Resp: 228251
 Ion Ratio Lower Upper
 75 100
 53 0.0 68.6 102.8#
 89 0.0 39.4 59.2#





#84

1,2,4-Trimethylbenzene

Concen: 1.521 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN051741.D

Acq: 8 Oct 2018 17:27

Instrument :

MSVOA_N

ClientSampled :

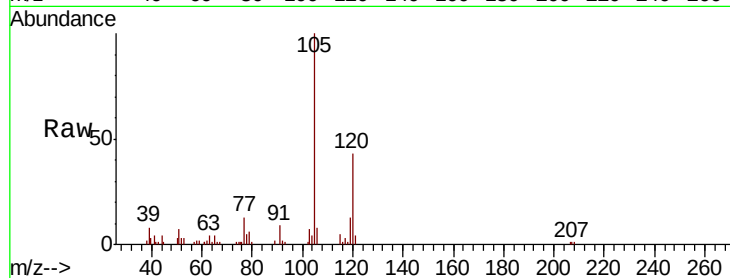
SR-STONE

Tot Ion:105 Resp: 42184

Ion Ratio Lower Upper

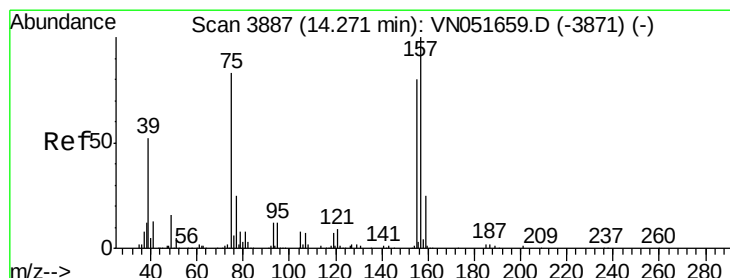
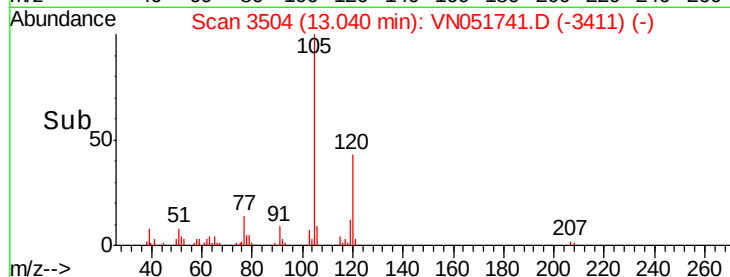
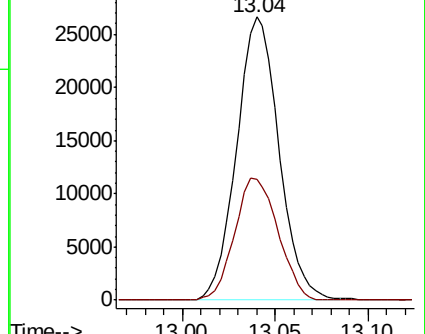
105 100

120 44.1 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.553 ug/l

RT: 14.28 min Scan# 3890

Delta R.T. 0.01 min

Lab File: VN051741.D

Acq: 8 Oct 2018 17:27

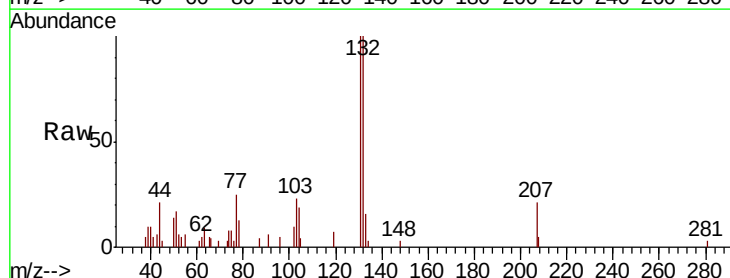
Tgt Ion: 75 Resp: 638

Ion Ratio Lower Upper

75 100

155 0.0 47.6 142.9#

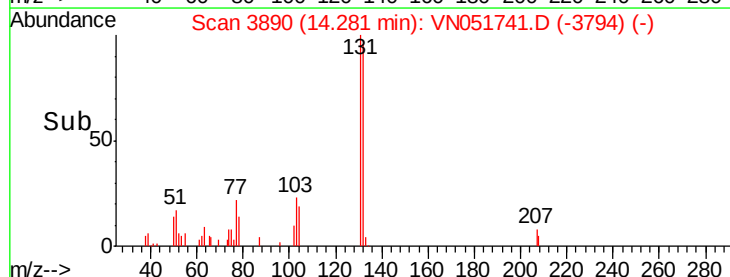
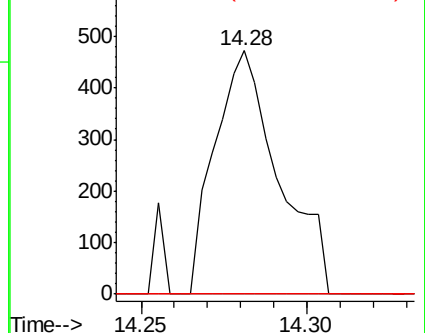
157 0.0 61.7 185.1#

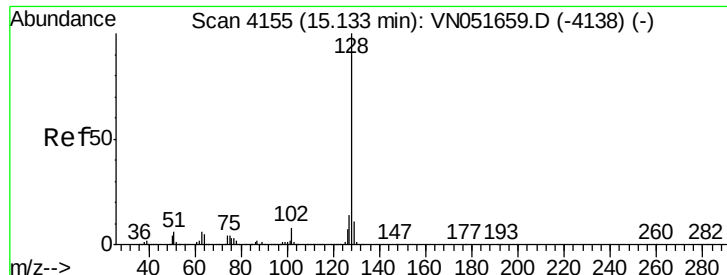


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 56.097 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051741.D

Acq: 8 Oct 2018 17:27

Instrument :

MSVOA_N

ClientSampleId :

SR-STONE

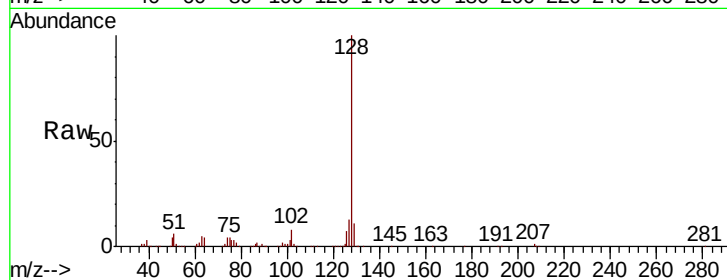
Tot Ion:128 Resp: 750012

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 10.8 9.0 13.6



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

