

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080218\
 Data File : VN050283.D
 Acq On : 3 Aug 2018 00:04
 Operator : MD\SY
 Sample : J4260-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TS-LINER-RO-135

Quant Time: Aug 03 02:00:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	663267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1095866	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	924179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	339189	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	467193	50.48	ug/l	0.00
Spiked Amount			Recovery	=	100.96%	
35) Dibromofluoromethane	7.59	113	420203	46.96	ug/l	0.00
Spiked Amount			Recovery	=	93.92%	
50) Toluene-d8	10.09	98	1484585	45.13	ug/l	0.00
Spiked Amount			Recovery	=	90.26%	
62) 4-Bromofluorobenzene	12.40	95	407663	37.64	ug/l	0.00
Spiked Amount			Recovery	=	75.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.57	94	1646	Below Cal		99
11) Tert butyl alcohol	4.80	59	1396	2.05 ug/l	#	72
13) Acrolein	3.62	56	491	0.90 ug/l	#	69
15) Acrylonitrile	5.01	53	715	0.24 ug/l	#	42
16) Acetone	3.83	43	26591	8.00 ug/l		94
17) Carbon Disulfide	4.05	76	6808	0.29 ug/l		99
18) Methyl Acetate	4.34	43	19625	0.71 ug/l	#	75
20) Methylene Chloride	4.55	84	43609	4.17 ug/l		93
25) 2-Butanone	6.85	43	11342	3.21 ug/l		96
29) Tetrahydrofuran	7.23	42	3098	1.36 ug/l	#	65
30) Chloroform	7.37	83	17376	1.11 ug/l		95
31) Cyclohexane	7.67	56	12714	0.93 ug/l	#	1
36) 1,1-Dichloropropene	7.67	75	47528	3.85 ug/l	#	47
38) Carbon Tetrachloride	7.67	117	60865	4.65 ug/l	#	17
41) Methacrylonitrile	7.19	41	170	2.78 ug/l	#	10
43) Isopropyl Acetate	8.17	43	294387	17.41 ug/l		96
47) Bromodichloromethane	9.40	83	4004	0.31 ug/l	#	97
48) Methyl methacrylate	9.18	41	10616	1.43 ug/l	#	25
51) 4-Methyl-2-Pentanone	9.99	43	3754	0.44 ug/l		92
56) Ethyl methacrylate	10.44	69	168	2.04 ug/l	#	26
58) 2-Chloroethyl Vinyl ether	9.70	63	98	8.54 ug/l	#	48
59) 2-Hexanone	10.76	43	24466	9.03 ug/l		64
70) Styrene	11.96	104	1024	0.96 ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	12.50	83	513	Below Cal	#	69
76) 1,2,3-Trichloropropane	12.40	75	194842	30.91 ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.40	75	194842	98.04 ug/l	#	13
84) 1,2,4-Trimethylbenzene	13.04	105	6360	0.30 ug/l		98
89) n-Butylbenzene	13.62	91	3741	0.22 ug/l		90
91) 1,2-Dichlorobenzene	13.66	146	2506	0.20 ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	461	Below Cal	#	18
93) 1,2,4-Trichlorobenzene	14.91	180	4189	3.69 ug/l		99
94) Hexachlorobutadiene	15.01	225	1619	0.43 ug/l		86
95) Naphthalene	15.14	128	72418	8.68 ug/l		97
96) 1,2,3-Trichlorobenzene	15.32	180	4956	2.95 ug/l	#	92

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Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration

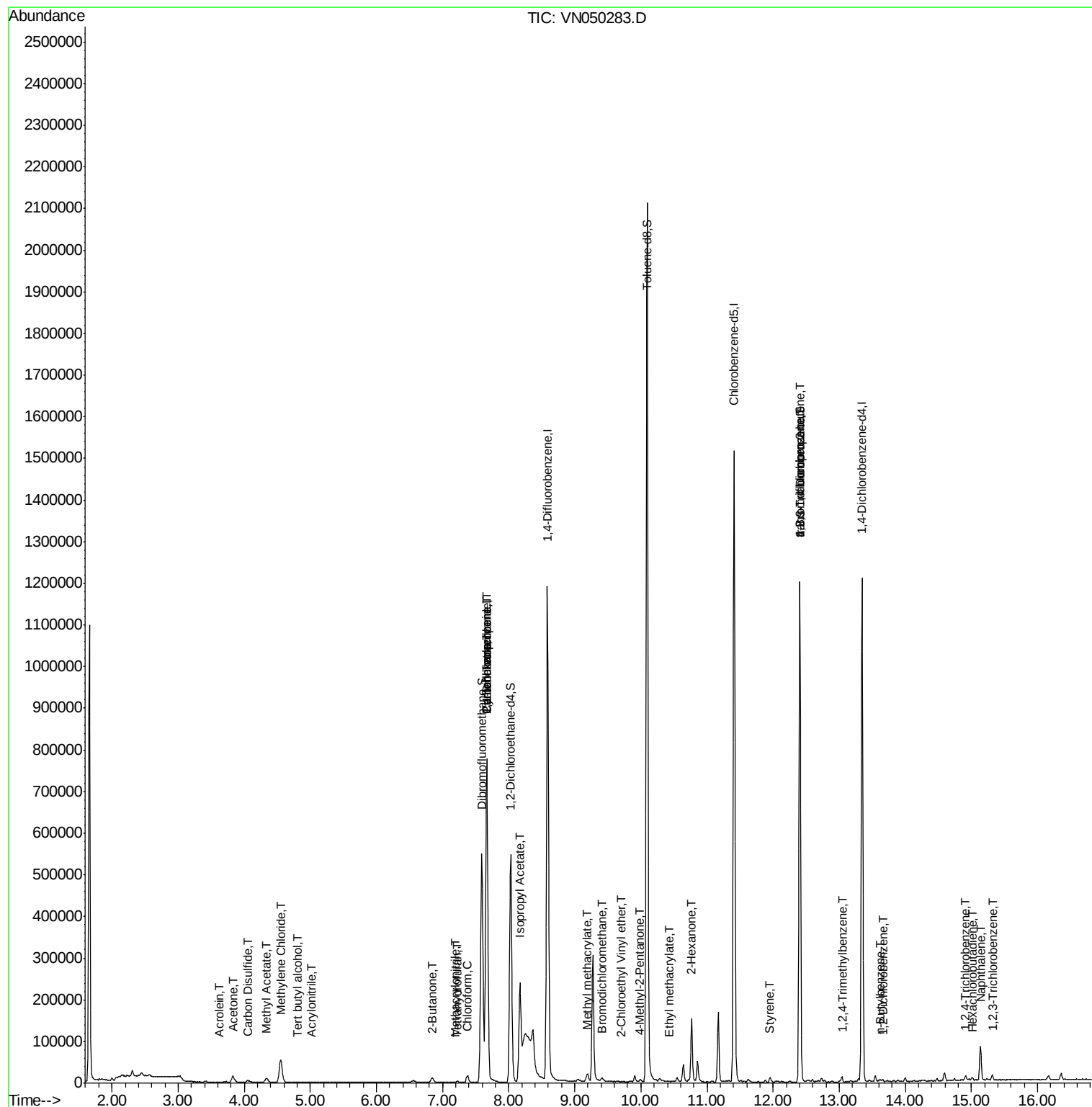
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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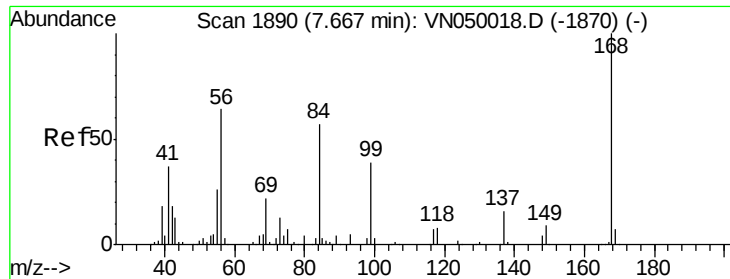
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080218\
Data File : VN050283.D
Acq On : 3 Aug 2018 00:04
Operator : MD\SY
Sample : J4260-03
Misc : 5.00mL/MSVOA N/WATER
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050283.D

Acq: 3 Aug 2018 00:04

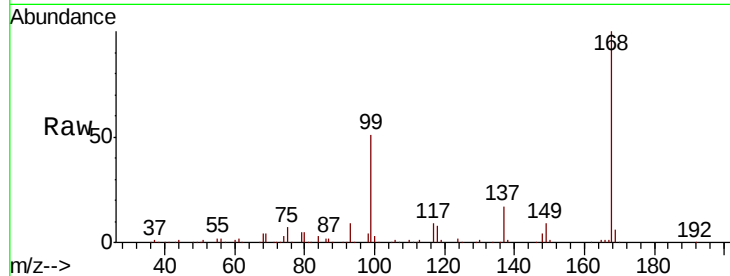
Instrument :
MSVOA_N
ClientSampleId :
TS-LINER-RO-135

Tot Ion:168 Resp: 663267

Ion Ratio Lower Upper

168 100

99 51.4 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

300000

250000

200000

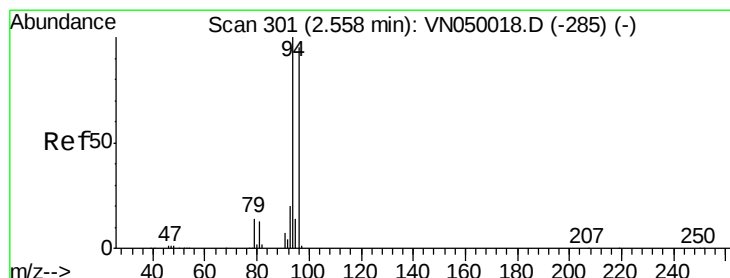
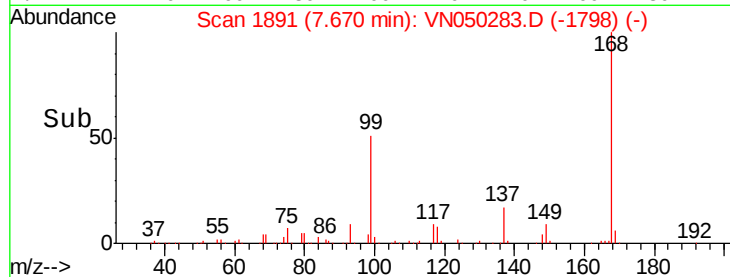
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 304

Delta R.T. 0.02 min

Lab File: VN050283.D

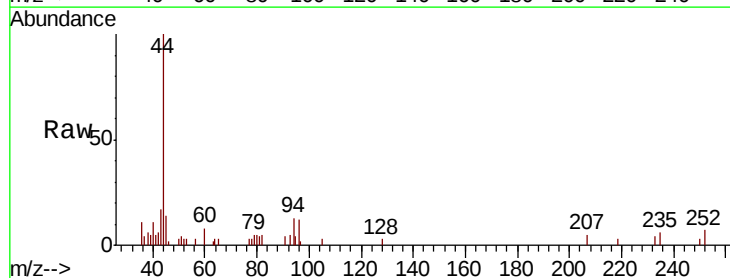
Acq: 3 Aug 2018 00:04

Tgt Ion: 94 Resp: 1646

Ion Ratio Lower Upper

94 100

96 92.4 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.57

800

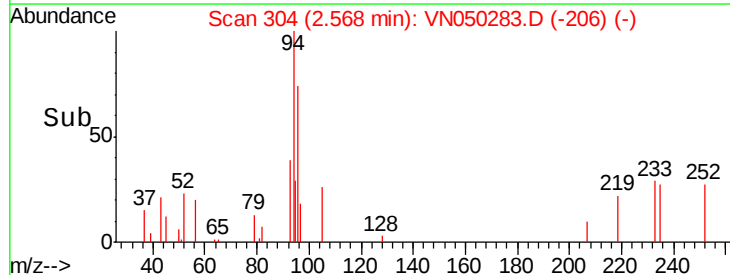
600

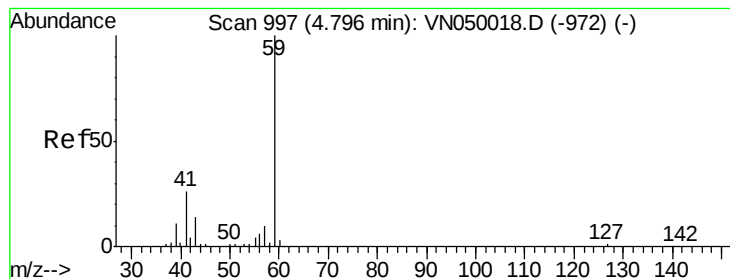
400

200

0

Time-->



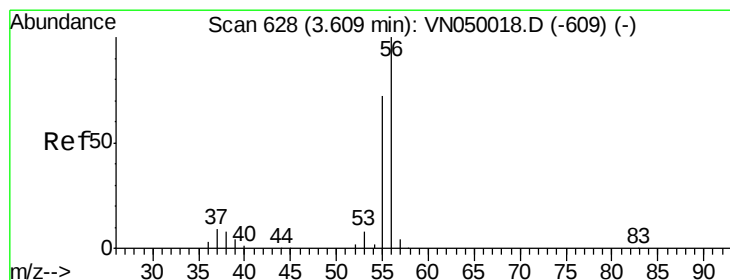
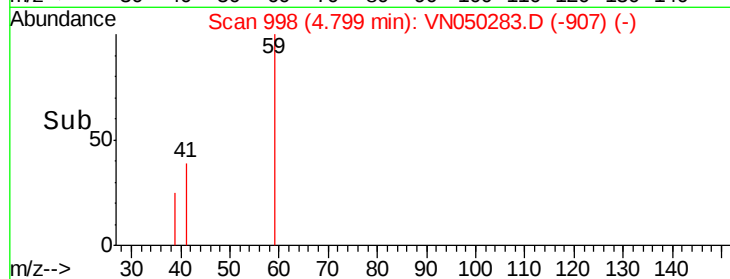
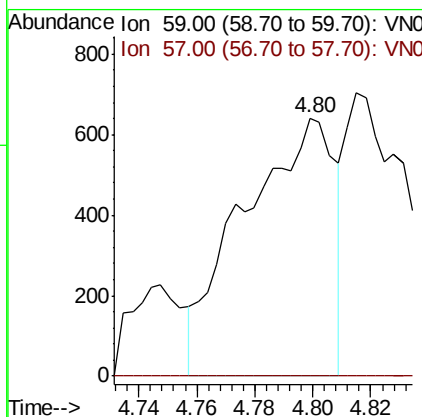
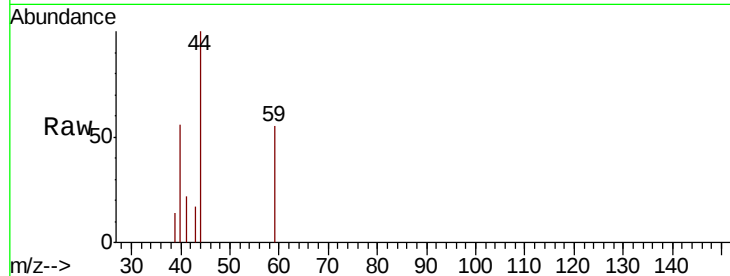


#11

Tert butyl alcohol
 Concen: 2.05 ug/l
 RT: 4.80 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: VN050283.D
 Acq: 3 Aug 2018 00:04

Instrument :
 MSVOA_N
 ClientSampleId :
 TS-LINER-RO-135

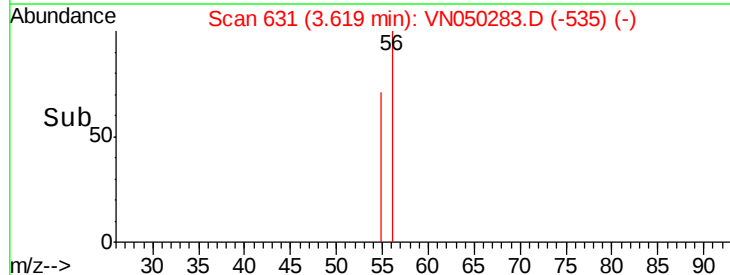
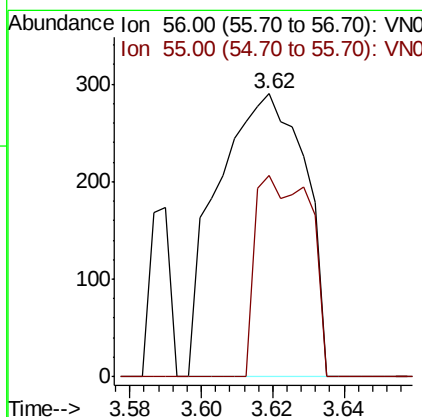
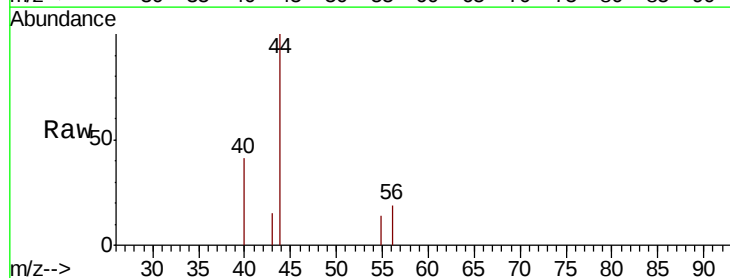
Tot Ion: 59 Resp: 1396
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

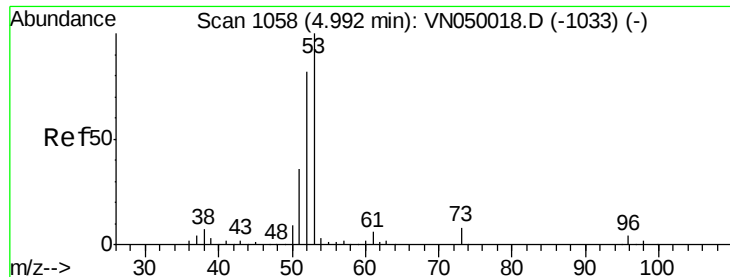


#13

Acrolein
 Concen: 0.90 ug/l
 RT: 3.62 min Scan# 631
 Delta R.T. 0.01 min
 Lab File: VN050283.D
 Acq: 3 Aug 2018 00:04

Tgt Ion: 56 Resp: 491
 Ion Ratio Lower Upper
 56 100
 55 44.4 55.8 83.6#





#15

Acrylonitrile

Concen: 0.24 ug/l

RT: 5.01 min Scan# 1065

Delta R.T. 0.02 min

Lab File: VN050283.D

Acq: 3 Aug 2018 00:04

Instrument :

MSVOA_N

ClientSampleId :

TS-LINER-RO-135

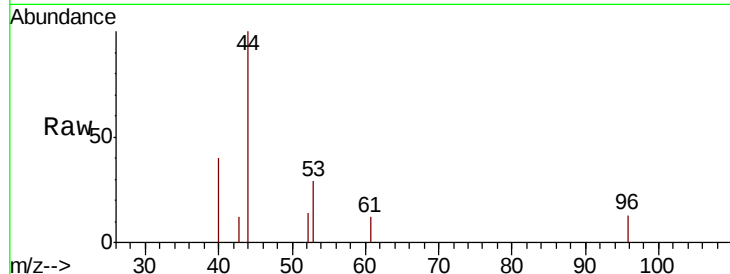
Tot Ion: 53 Resp: 715

Ion Ratio Lower Upper

53 100

52 26.0 66.2 99.2#

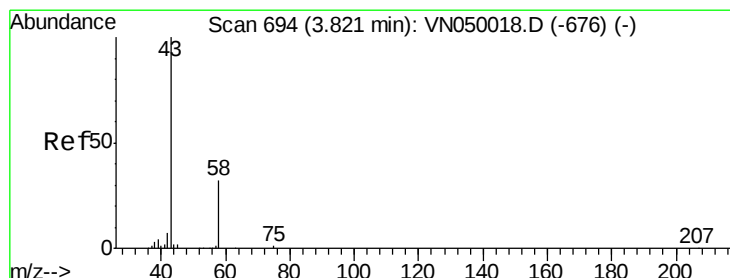
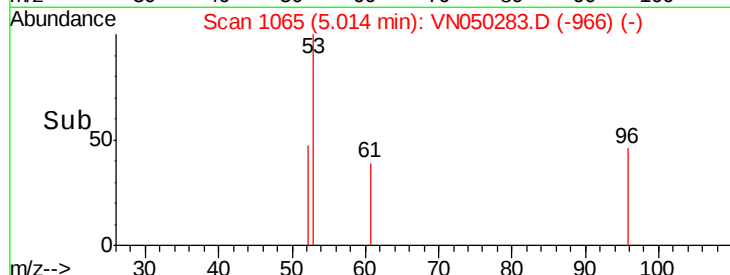
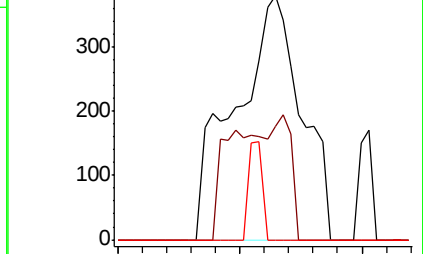
51 8.3 29.3 43.9#



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 8.00 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050283.D

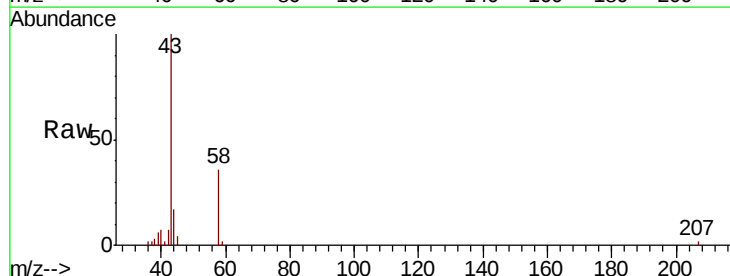
Acq: 3 Aug 2018 00:04

Tgt Ion: 43 Resp: 26591

Ion Ratio Lower Upper

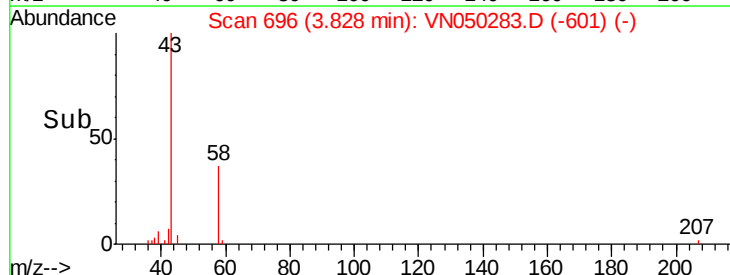
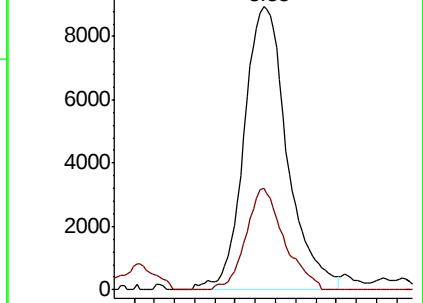
43 100

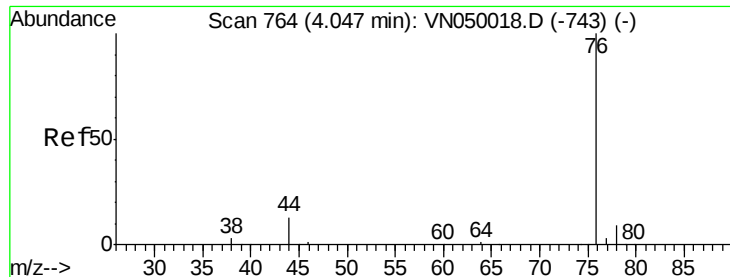
58 35.8 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

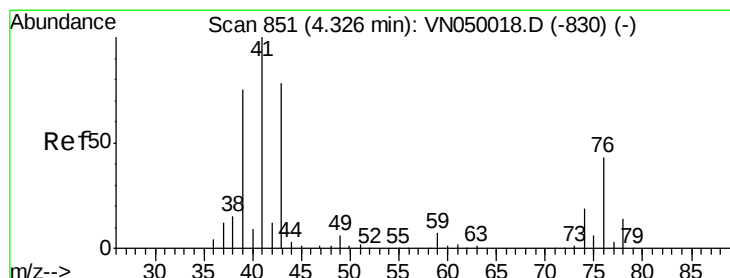
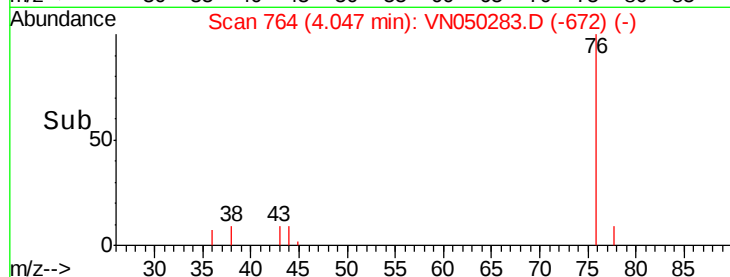
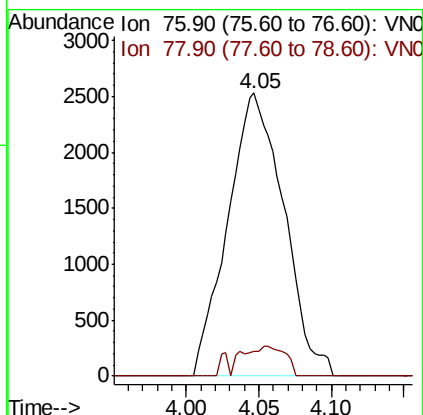
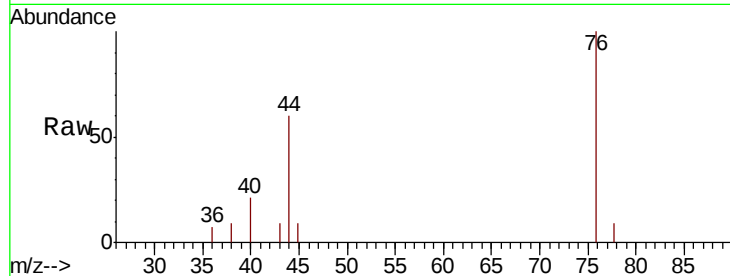




#17
Carbon Disulfide
Concen: 0.29 ug/l
RT: 4.05 min Scan# 764
Delta R.T. -0.00 min
Lab File: VN050283.D
Acq: 3 Aug 2018 00:04

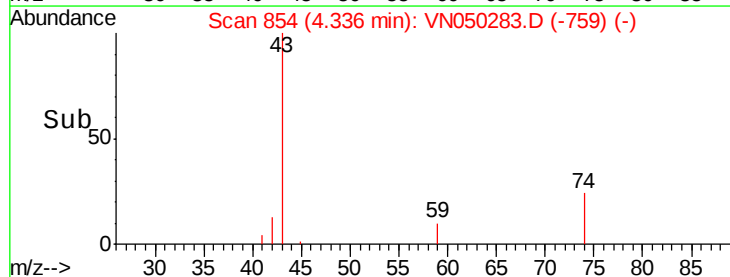
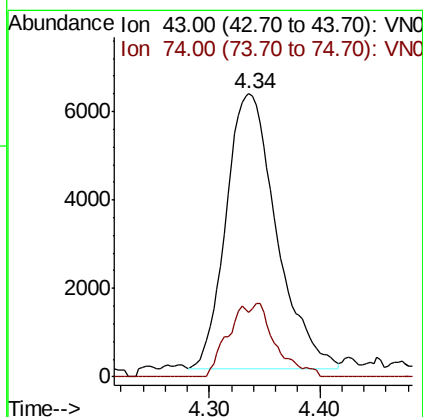
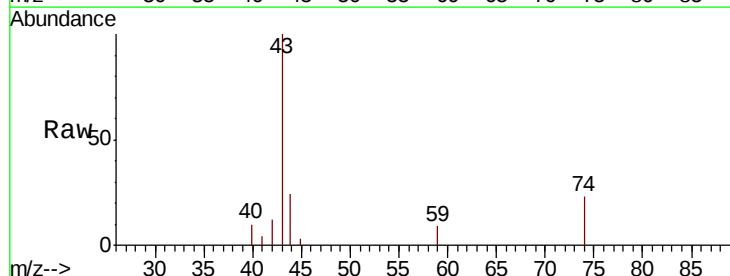
Instrument :
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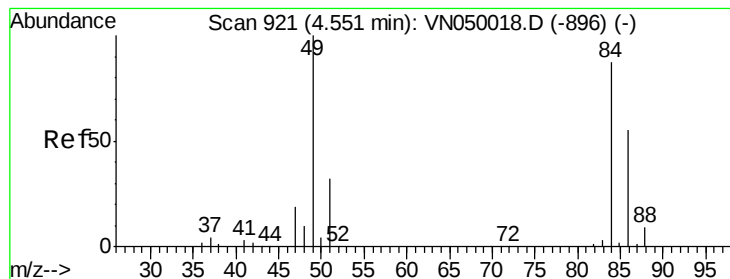
Tot Ion: 76 Resp: 6808
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9



#18
Methyl Acetate
Concen: 0.71 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN050283.D
Acq: 3 Aug 2018 00:04

Tgt Ion: 43 Resp: 19625
Ion Ratio Lower Upper
43 100
74 11.7 19.2 28.8#





#20

Methvlene Chloride

Concen: 4.17 ug/l

RT: 4.55 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN050283.D

Acq: 3 Aug 2018 00:04

Instrument :

MSVOA_N

ClientSampleId :

TS-LINER-RO-135

Tot Ion: 84 Resp: 43609

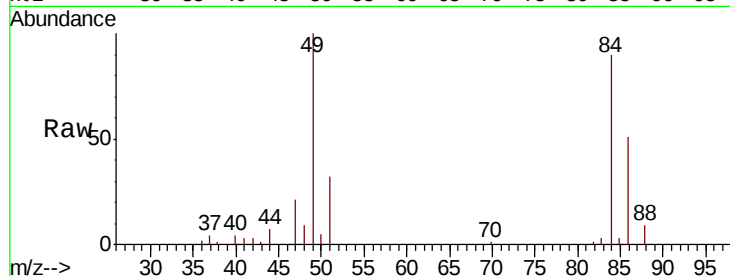
Ion Ratio Lower Upper

84 100

49 109.8 94.8 142.2

51 35.2 28.3 42.5

86 56.8 51.0 76.6

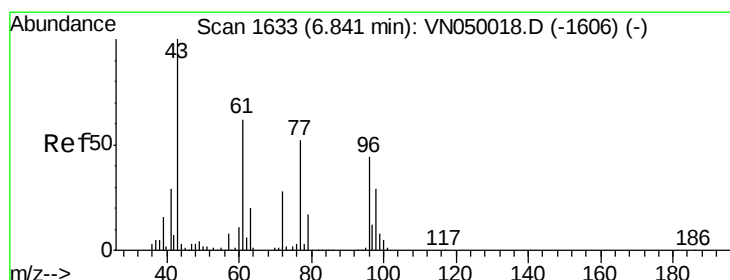
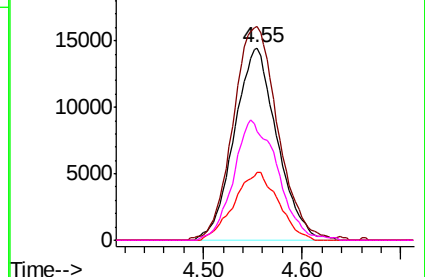
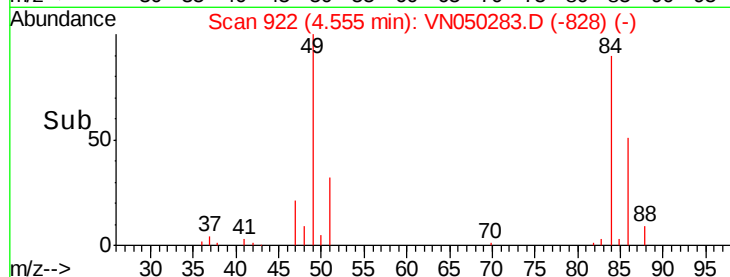


Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO



#25

2-Butanone

Concen: 3.21 ug/l

RT: 6.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VN050283.D

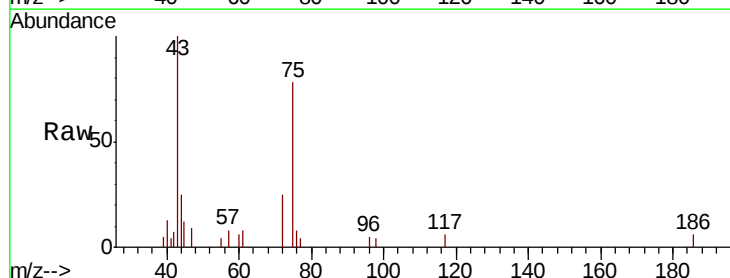
Acq: 3 Aug 2018 00:04

Tgt Ion: 43 Resp: 11342

Ion Ratio Lower Upper

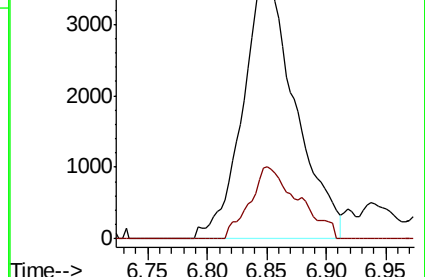
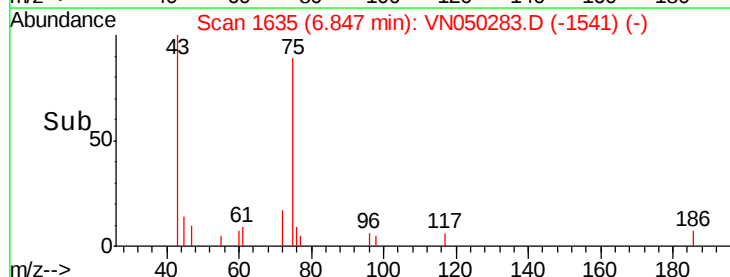
43 100

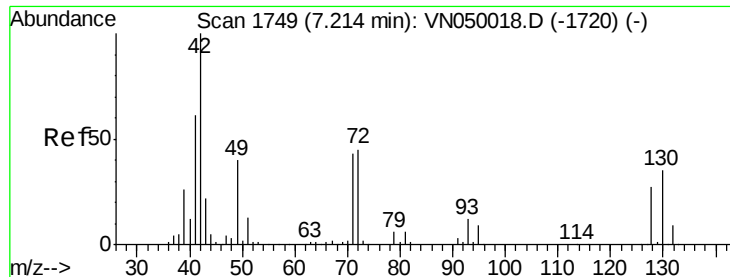
72 25.1 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 72.00 (71.70 to 72.70): VNO





#29

Tetrahydrofuran

Concen: 1.36 ug/l

RT: 7.23 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VN050283.D

Acq: 3 Aug 2018 00:04

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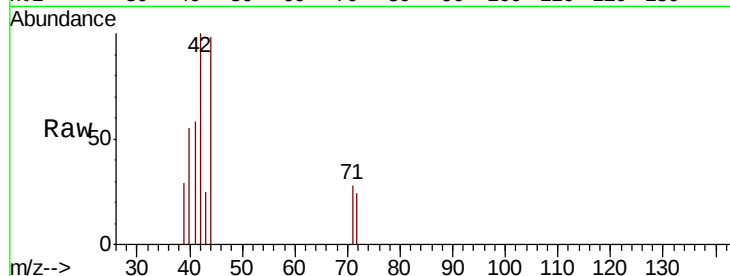
Tot Ion: 42 Resp: 3098

Ion Ratio Lower Upper

42 100

72 28.5 35.9 53.9#

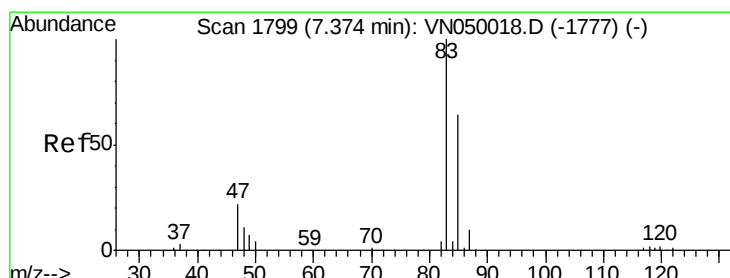
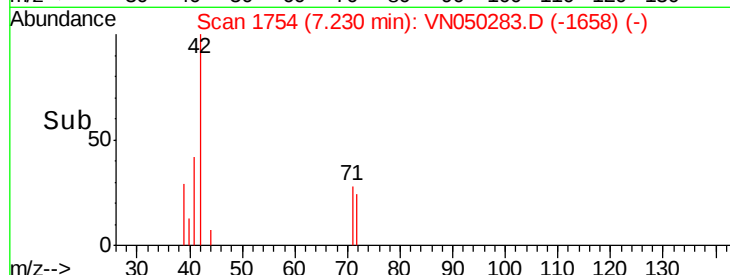
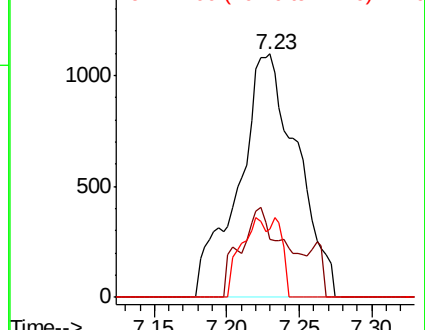
71 13.7 33.7 50.5#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 1.11 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN050283.D

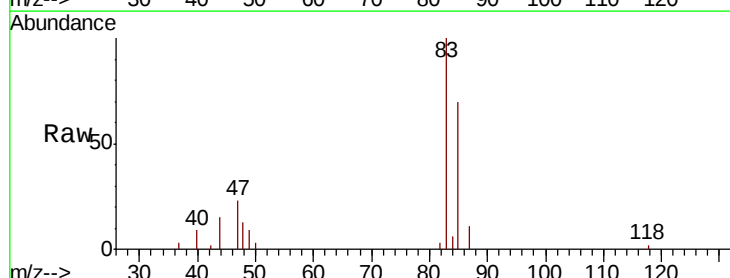
Acq: 3 Aug 2018 00:04

Tgt Ion: 83 Resp: 17376

Ion Ratio Lower Upper

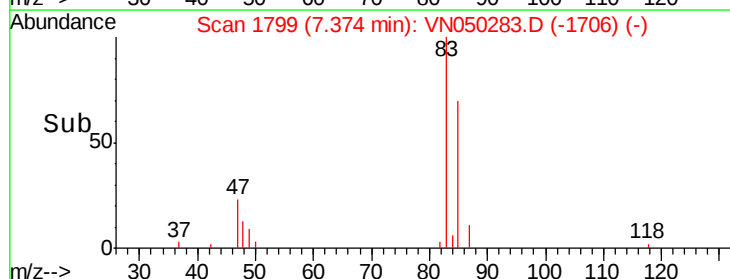
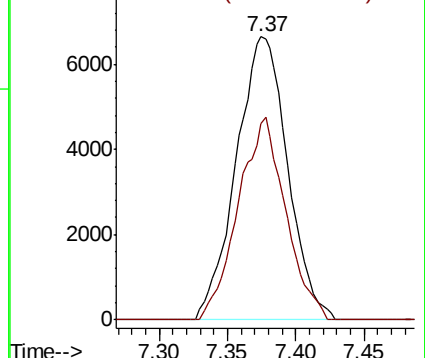
83 100

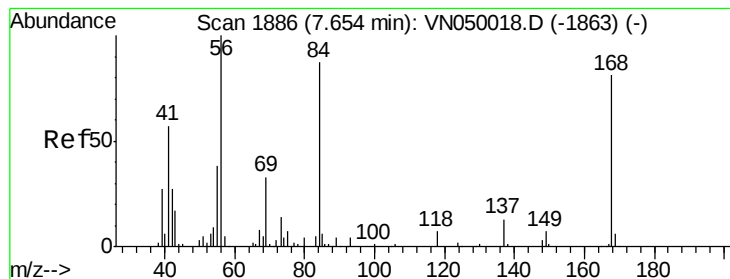
85 69.6 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 0.93 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN050283.D

Acq: 3 Aug 2018 00:04

Instrument :

MSVOA_N

ClientSampleId :

TS-LINER-RO-135

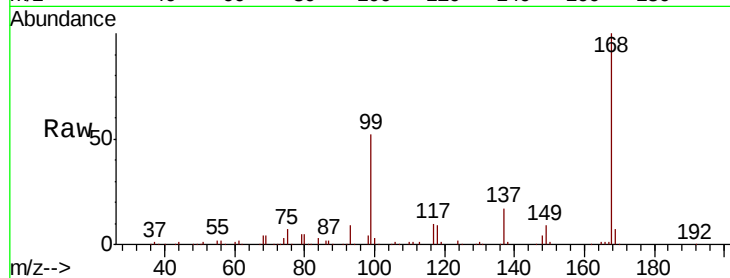
Tot Ion: 56 Resp: 12714

Ion Ratio Lower Upper

56 100

69 191.7 26.2 39.4#

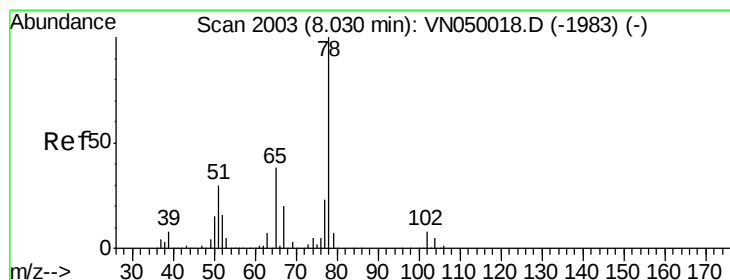
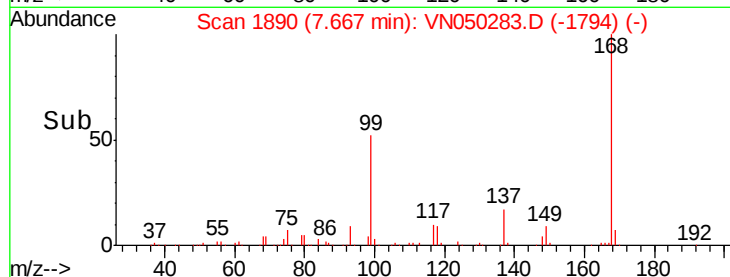
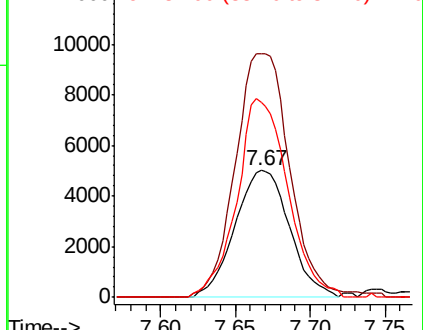
84 153.3 67.4 101.0#



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: 50.48 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050283.D

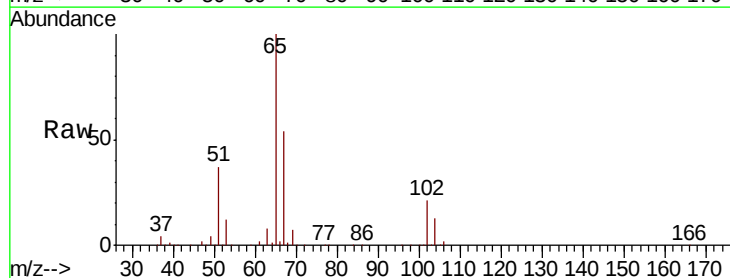
Acq: 3 Aug 2018 00:04

Tgt Ion: 65 Resp: 467193

Ion Ratio Lower Upper

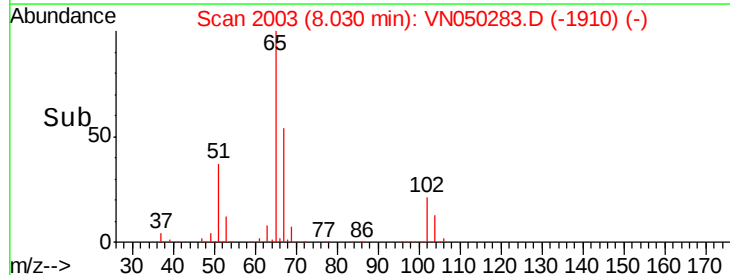
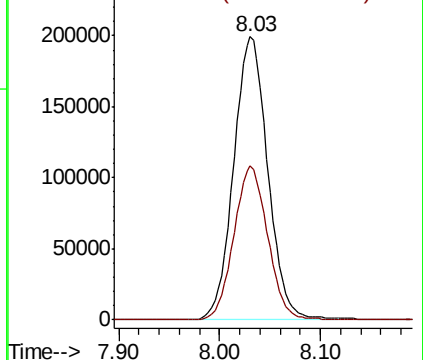
65 100

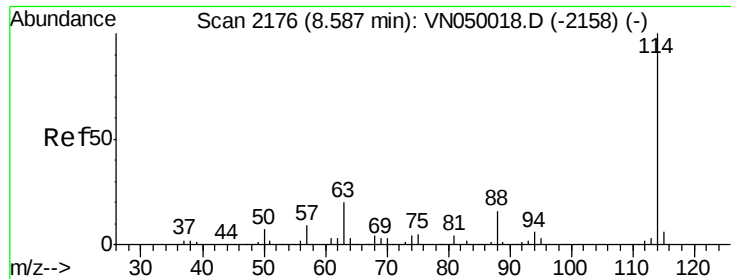
67 54.1 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

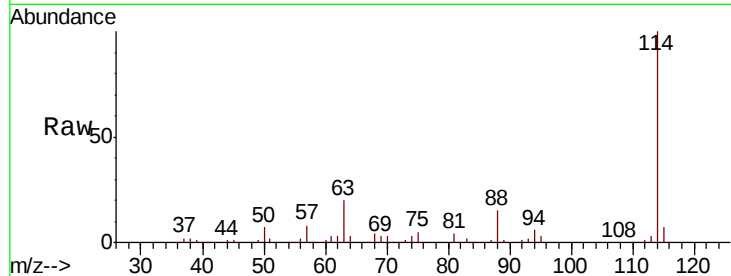




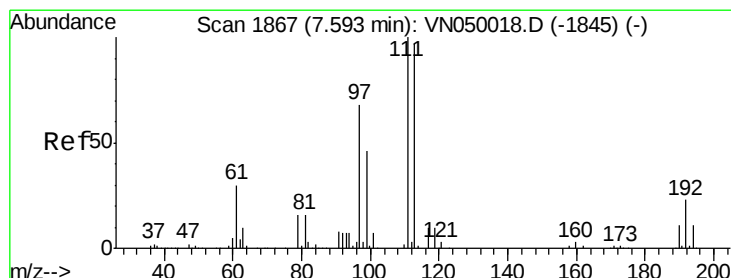
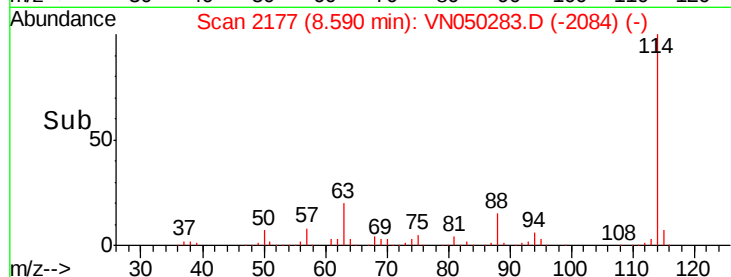
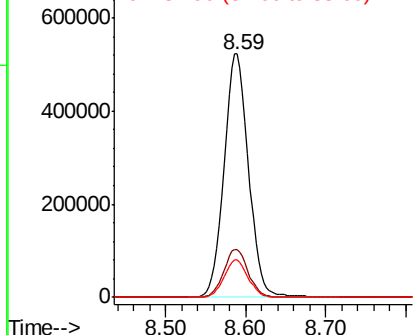
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050283.D
 Acq: 3 Aug 2018 00:04

Instrument :
 MSVOA_N
 ClientSampleId :
 TS-LINER-RO-135

Tot Ion:114 Resp: 1095866
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.3 0.0 31.2

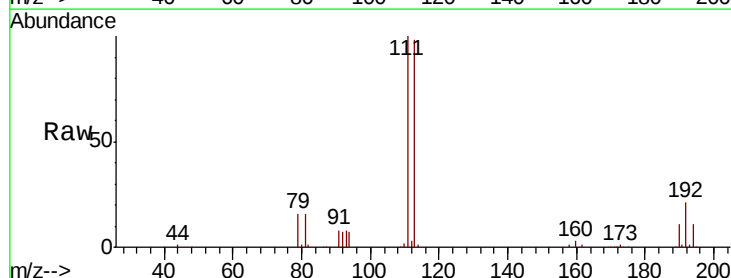


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

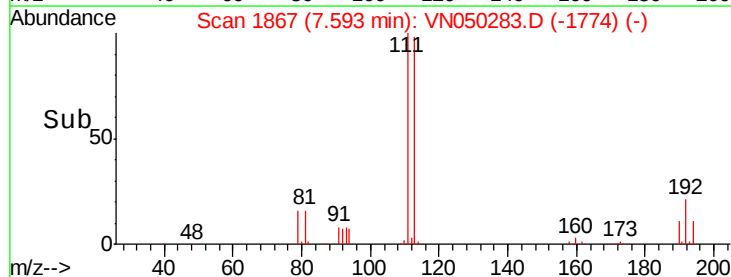
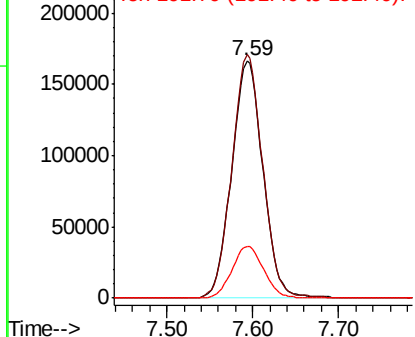


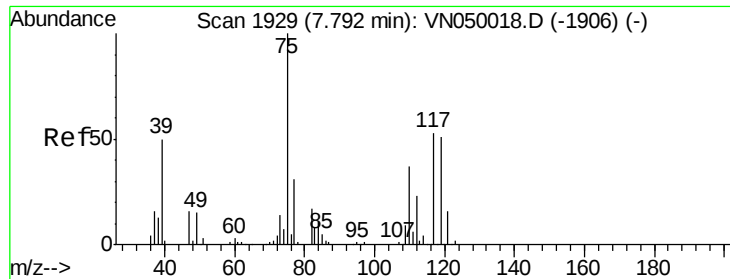
#35
 Dibromofluoromethane
 Concen: 46.96 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050283.D
 Acq: 3 Aug 2018 00:04

Tgt Ion:113 Resp: 420203
 Ion Ratio Lower Upper
 113 100
 111 101.3 80.7 121.1
 192 22.1 17.8 26.6



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: 3.85 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.13 min

Lab File: VN050283.D

Acq: 3 Aug 2018 00:04

Instrument :

MSVOA_N

ClientSampleId :

TS-LINER-RO-135

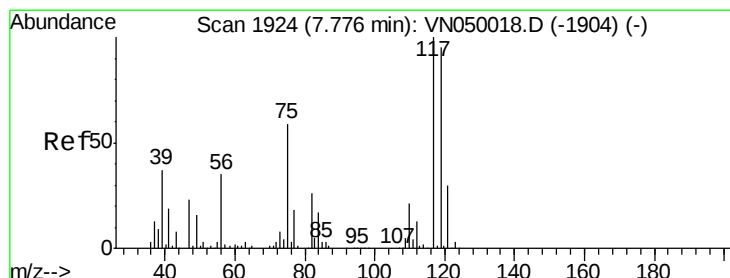
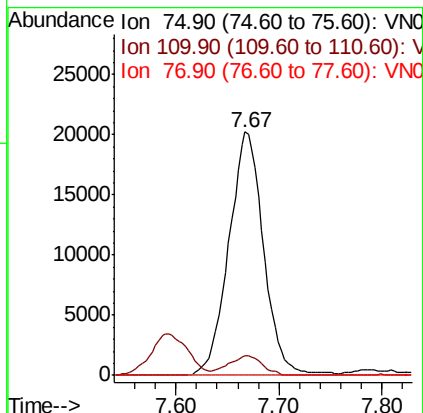
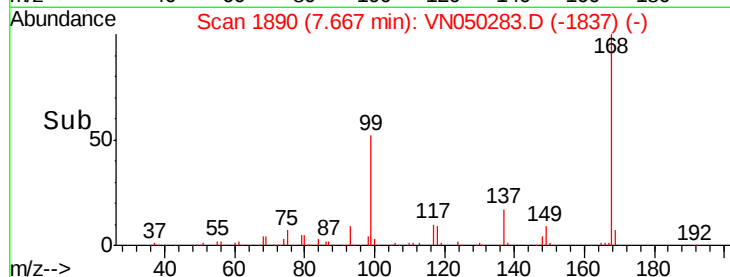
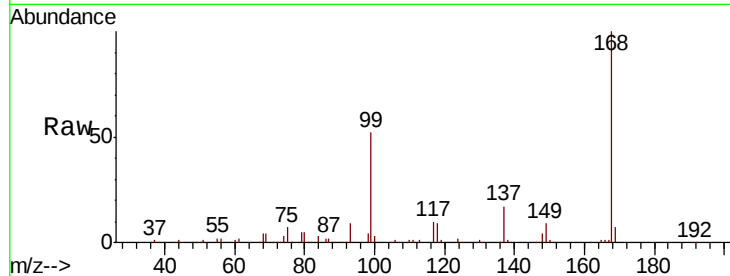
Tot Ion: 75 Resp: 47528

Ion Ratio Lower Upper

75 100

110 7.7 18.4 55.2#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 4.65 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN050283.D

Acq: 3 Aug 2018 00:04

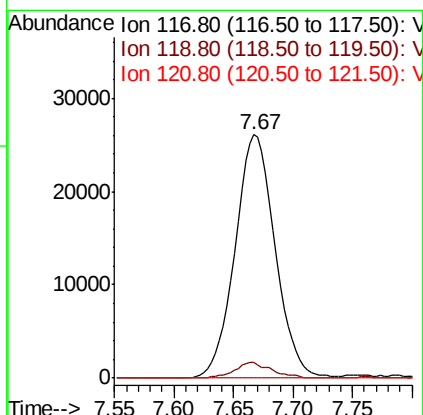
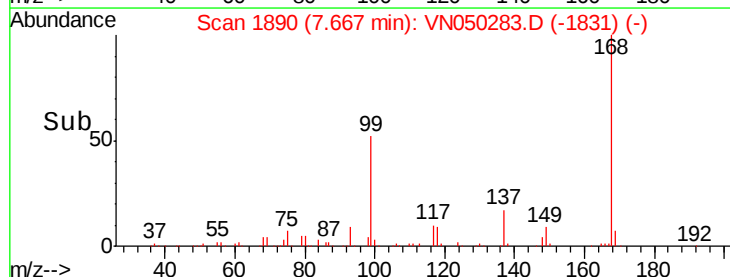
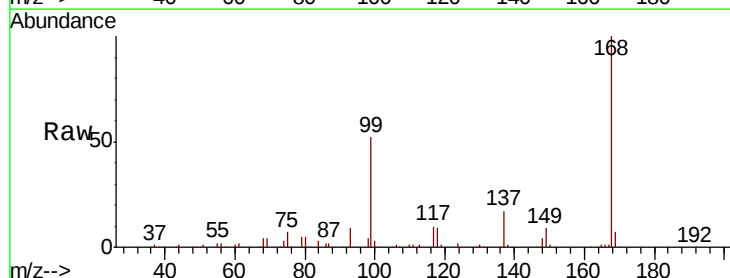
Tgt Ion: 117 Resp: 60865

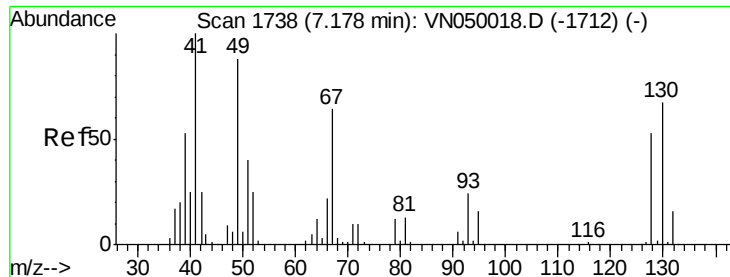
Ion Ratio Lower Upper

117 100

119 6.4 77.4 116.0#

121 0.0 23.9 35.9#

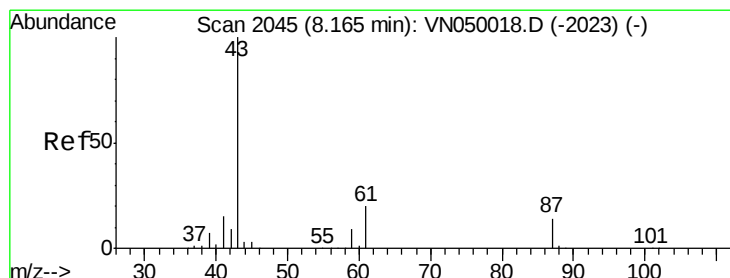
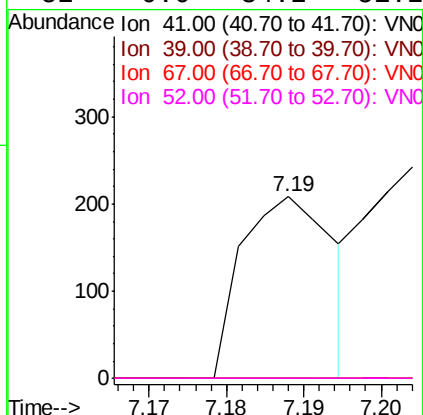
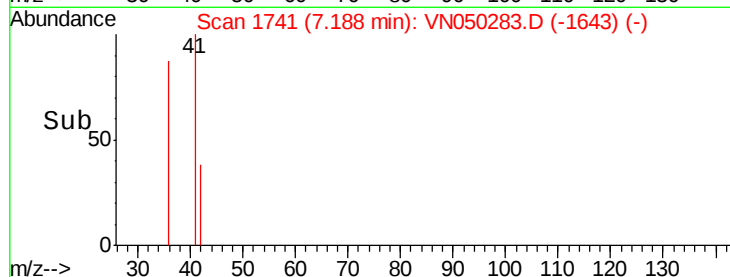
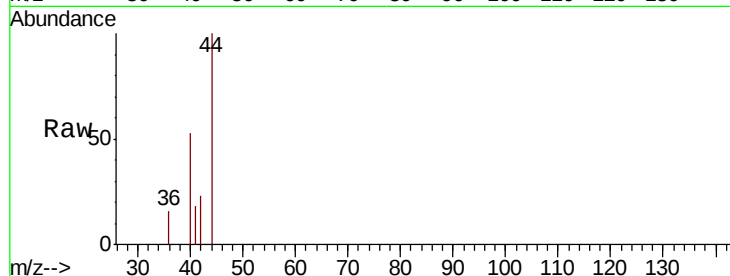




#41
Methacrylonitrile
Concen: 2.78 ug/l
RT: 7.19 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VN050283.D
Acq: 3 Aug 2018 00:04

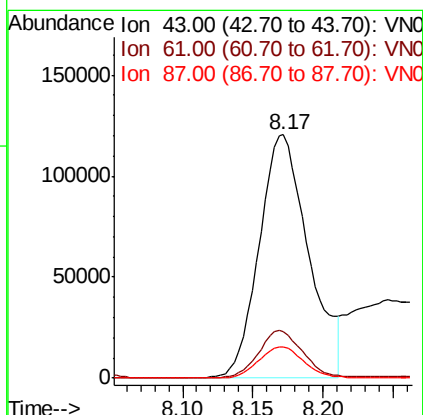
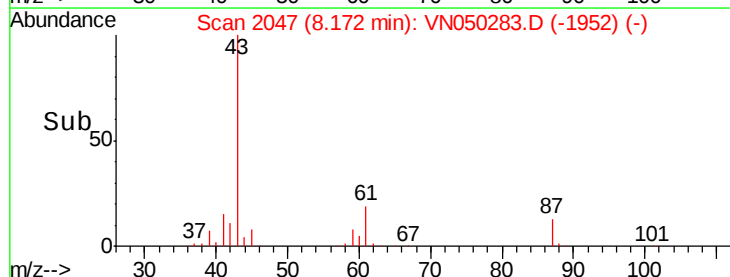
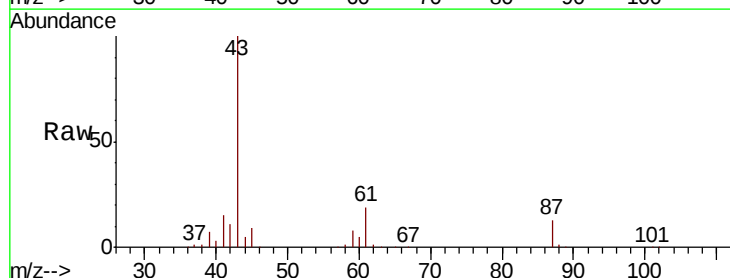
Instrument :
MSVOA_N
ClientSampleId :
TS-LINER-RO-135

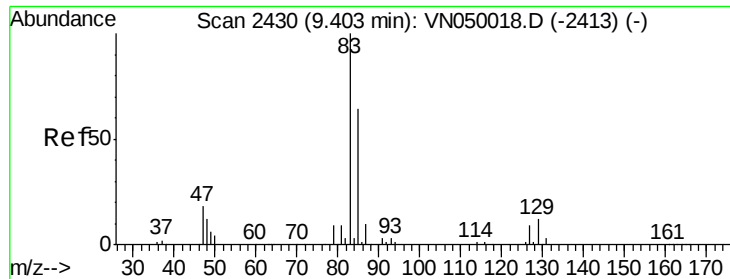
Tot Ion: 41 Resp: 170
Ion Ratio Lower Upper
41 100
39 0.0 55.8 83.6#
67 0.0 84.3 126.5#
52 0.0 34.2 51.2#



#43
Isopropyl Acetate
Concen: 17.41 ug/l
RT: 8.17 min Scan# 2047
Delta R.T. 0.00 min
Lab File: VN050283.D
Acq: 3 Aug 2018 00:04

Tgt Ion: 43 Resp: 294387
Ion Ratio Lower Upper
43 100
61 17.6 15.8 23.6
87 11.8 10.3 15.5





#47

Bromodichloromethane

Concen: 0.31 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN050283.D

Acq: 3 Aug 2018 00:04

Instrument :
MSVOA_N
ClientSampleId :
TS-LINER-RO-135

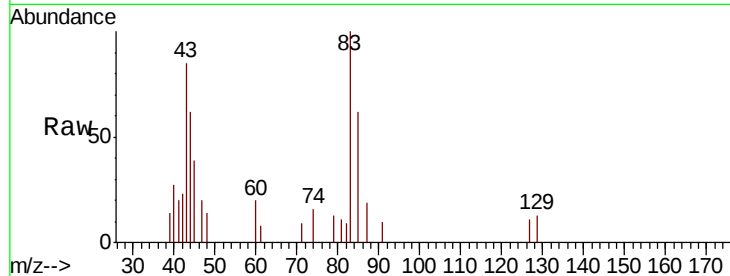
Tot Ion: 83 Resp: 4004

Ion Ratio Lower Upper

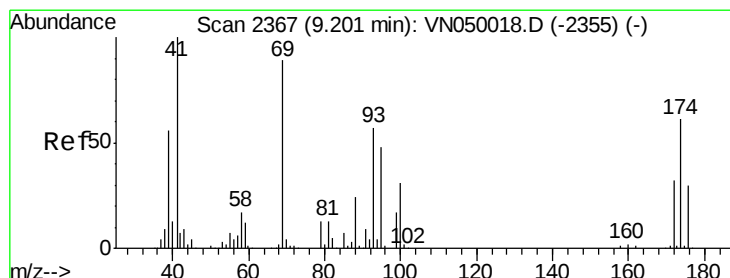
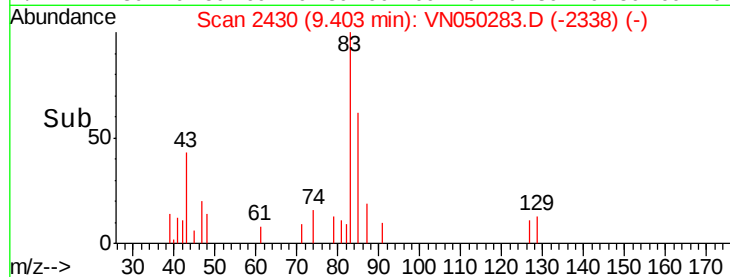
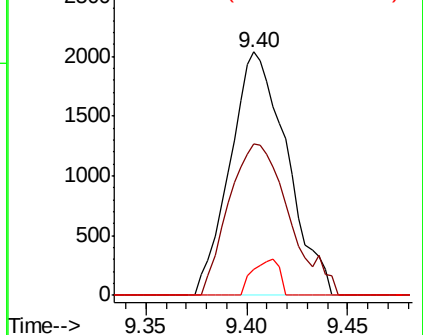
83 100

85 62.0 51.1 76.7

127 10.5 7.0 10.4#



Abundance Ion 82.90 (82.60 to 83.60): VNC
Ion 84.90 (84.60 to 85.60): VNC
Ion 126.80 (126.50 to 127.50): VNC



#48

Methyl methacrylate

Concen: 1.43 ug/l

RT: 9.18 min Scan# 2362

Delta R.T. -0.02 min

Lab File: VN050283.D

Acq: 3 Aug 2018 00:04

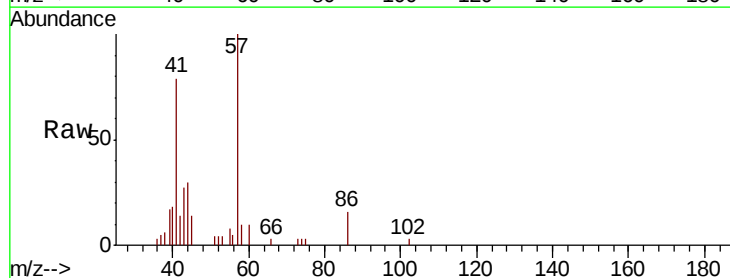
Tgt Ion: 41 Resp: 10616

Ion Ratio Lower Upper

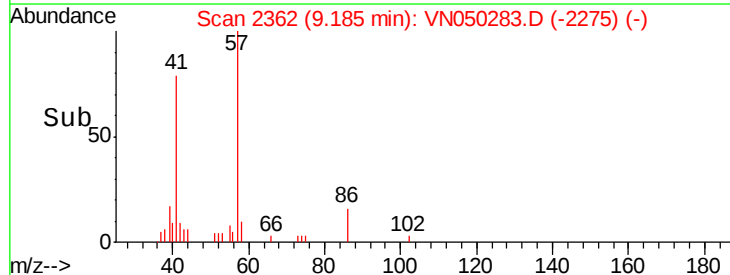
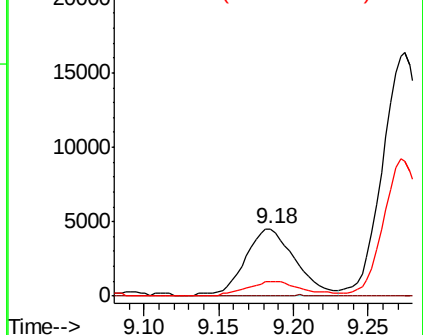
41 100

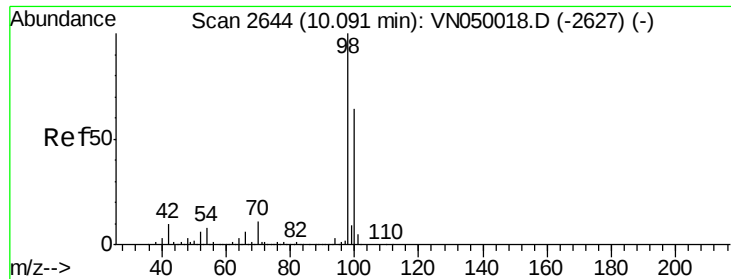
69 0.3 70.6 105.8#

39 24.1 43.9 65.9#



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

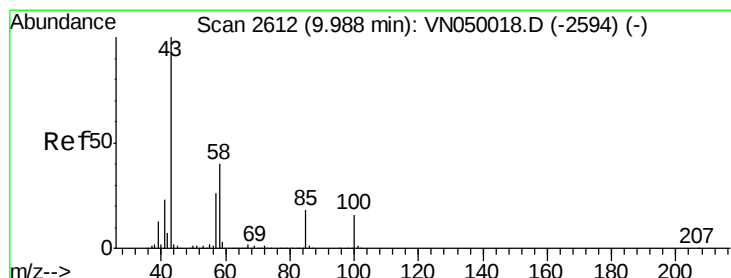
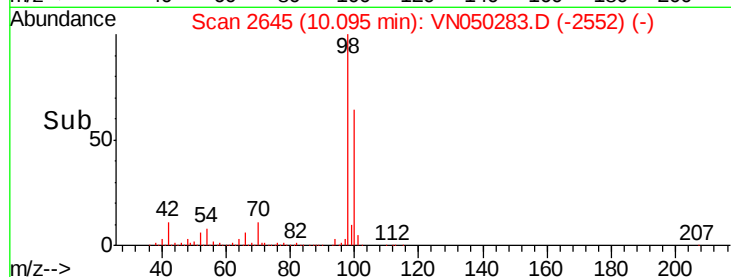
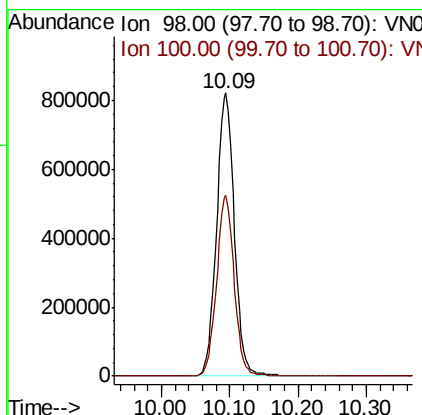
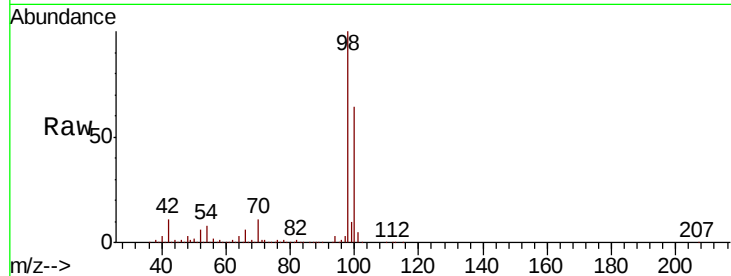




#50
Toluene-d8
Concen: 45.13 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050283.D
Acq: 3 Aug 2018 00:04

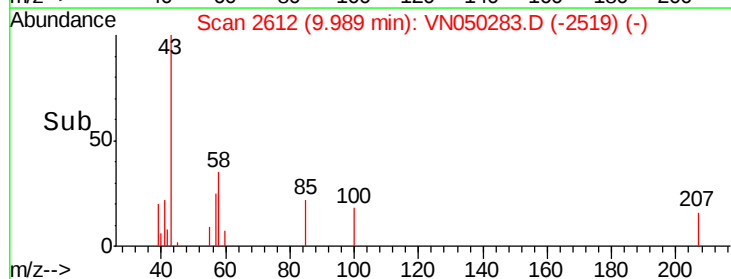
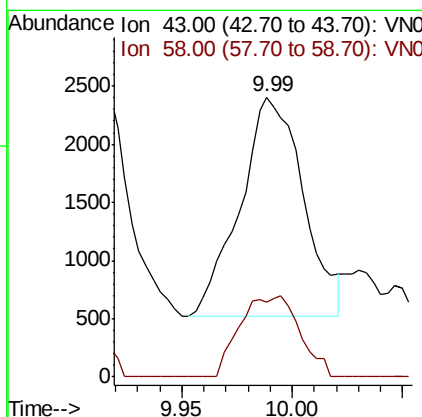
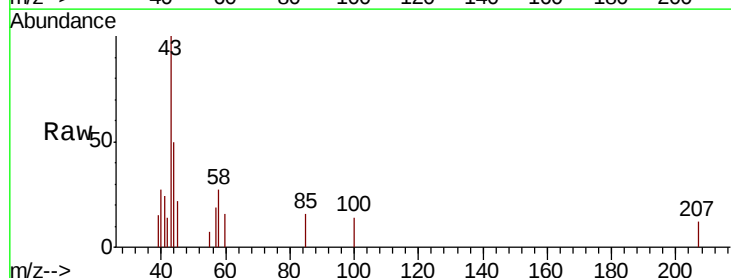
Instrument :
MSVOA_N
ClientSampleId :
TS-LINER-RO-135

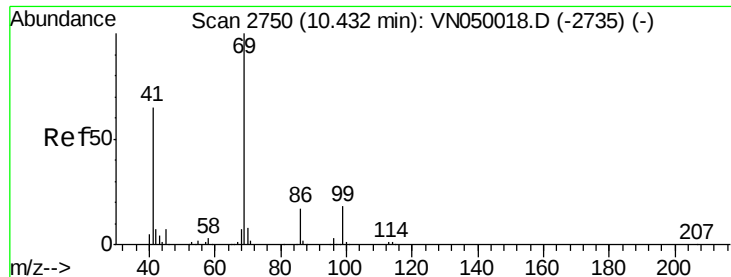
Tot Ion: 98 Resp: 1484585
Ion Ratio Lower Upper
98 100
100 63.3 50.7 76.1



#51
4-Methyl-2-Pentanone
Concen: 0.44 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN050283.D
Acq: 3 Aug 2018 00:04

Tgt Ion: 43 Resp: 3754
Ion Ratio Lower Upper
43 100
58 34.7 31.9 47.9





#56

Ethyl methacrylate

Concen: 2.04 ug/l

RT: 10.44 min Scan# 2752

Delta R.T. 0.01 min

Lab File: VN050283.D

Acq: 3 Aug 2018 00:04

Instrument :

MSVOA_N

ClientSampleId :

TS-LINER-RO-135

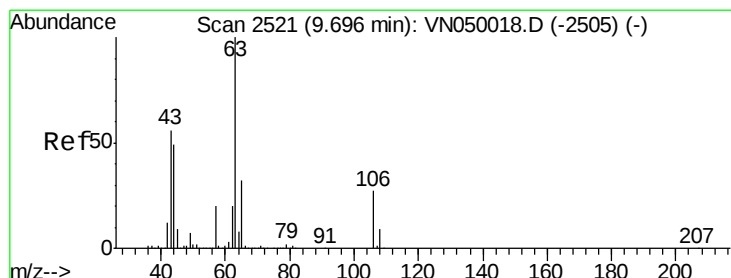
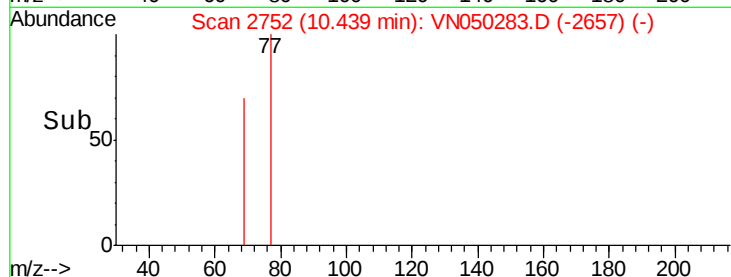
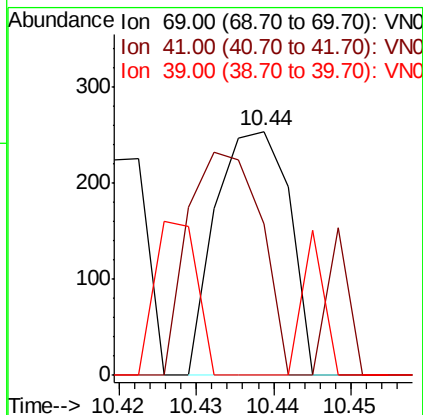
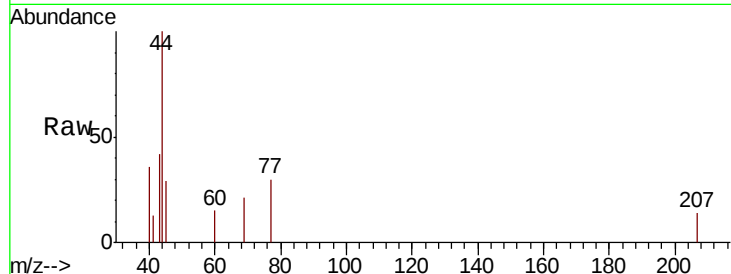
Tot Ion: 69 Resp: 168

Ion Ratio Lower Upper

69 100

41 0.0 51.0 76.4#

39 0.0 26.6 40.0#



#58

2-Chloroethyl Vinyl ether

Concen: 8.54 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. -0.00 min

Lab File: VN050283.D

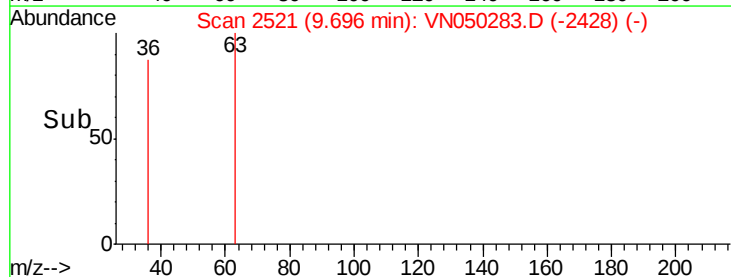
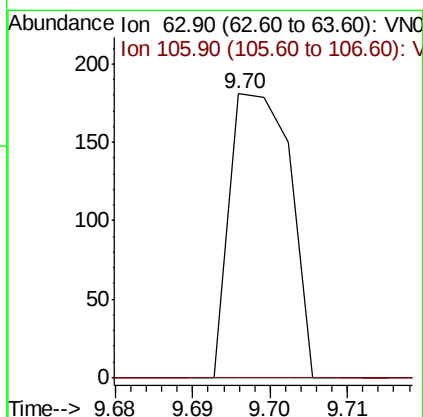
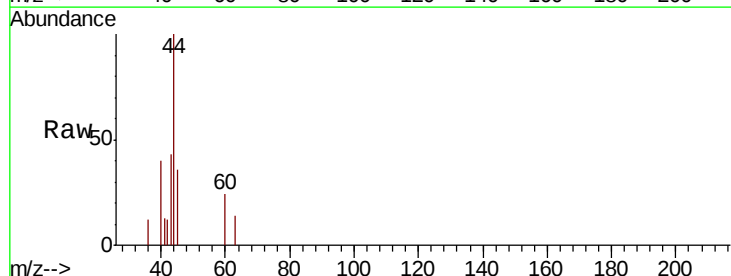
Acq: 3 Aug 2018 00:04

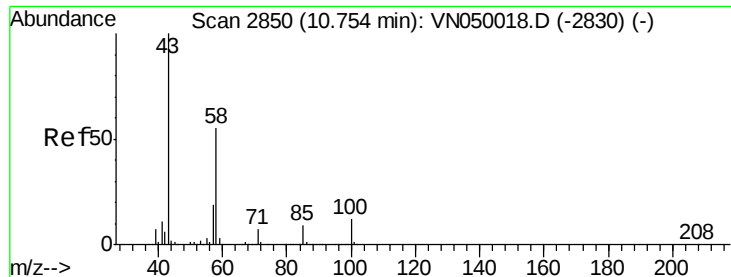
Tgt Ion: 63 Resp: 98

Ion Ratio Lower Upper

63 100

106 0.0 21.7 32.5#





#59

2-Hexanone

Concen: 9.03 ug/l

RT: 10.76 min Scan# 2853

Delta R.T. 0.01 min

Lab File: VN050283.D

Acq: 3 Aug 2018 00:04

Instrument :

MSVOA_N

ClientSampleId :

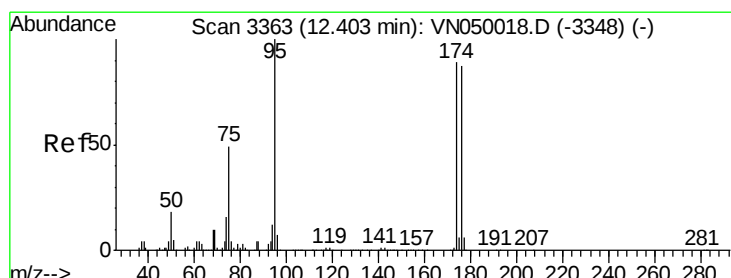
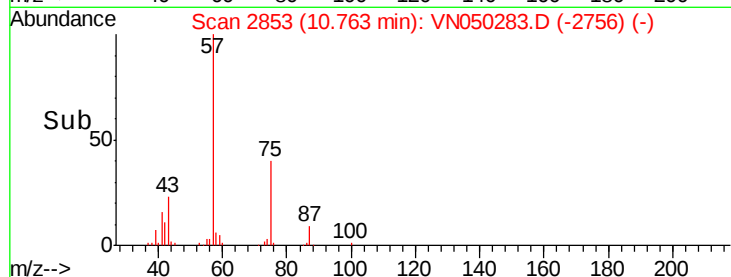
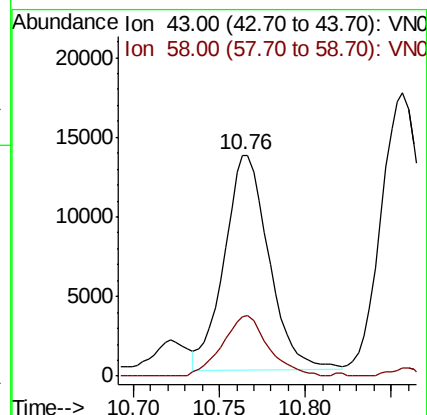
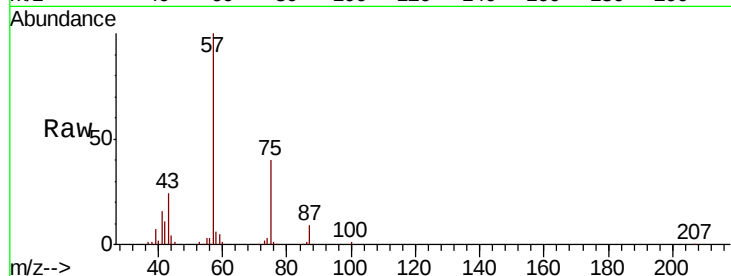
TS-LINER-RO-135

Tot Ion: 43 Resp: 24466

Ion Ratio Lower Upper

43 100

58 29.0 27.6 82.7



#62

4-Bromofluorobenzene

Concen: 37.64 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050283.D

Acq: 3 Aug 2018 00:04

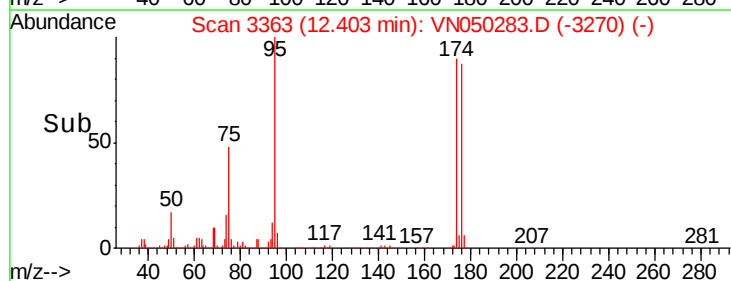
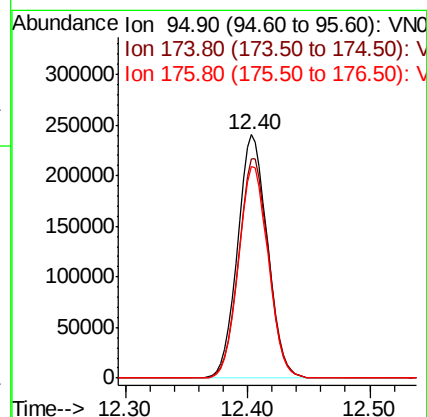
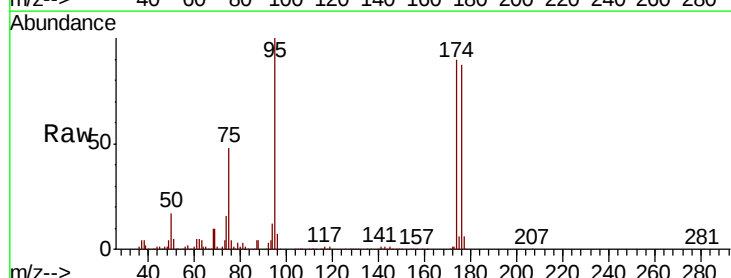
Tgt Ion: 95 Resp: 407663

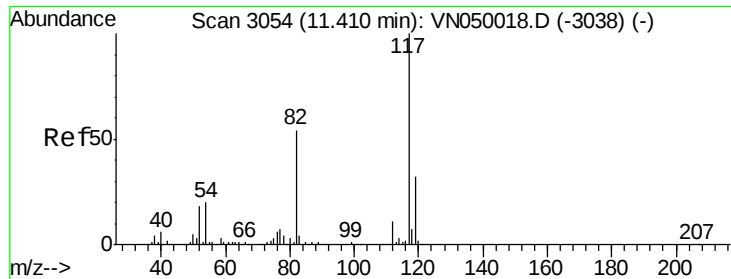
Ion Ratio Lower Upper

95 100

174 90.5 0.0 178.2

176 86.7 0.0 173.4

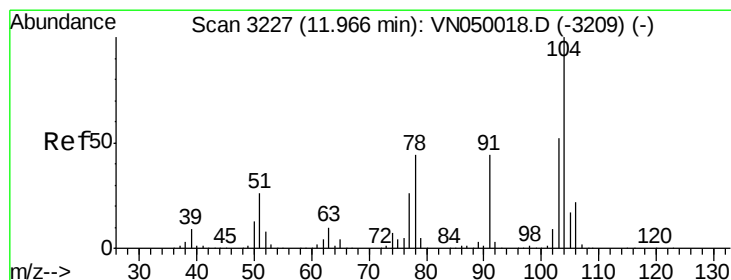
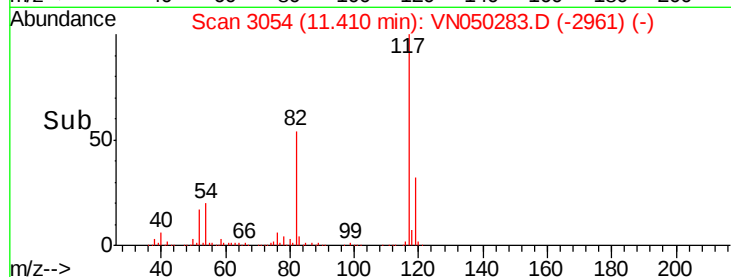
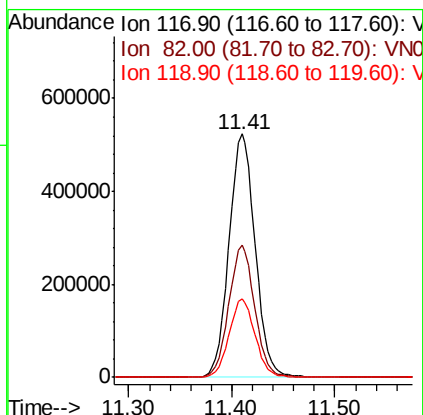
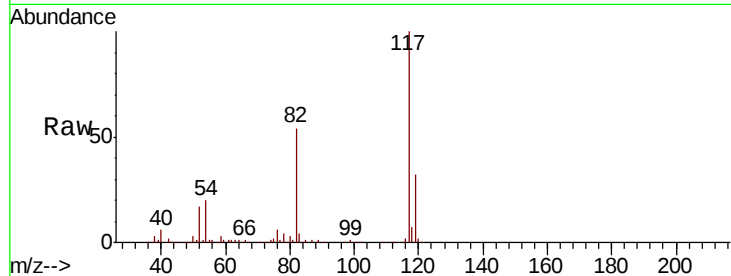




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050283.D
Acq: 3 Aug 2018 00:04

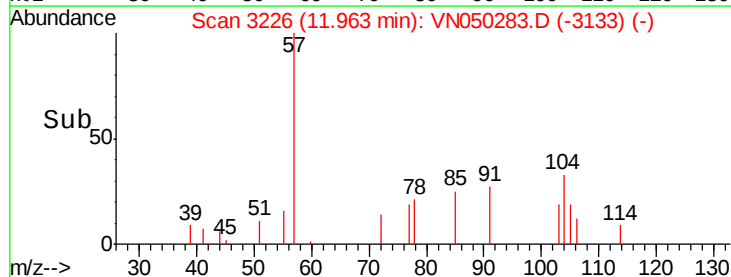
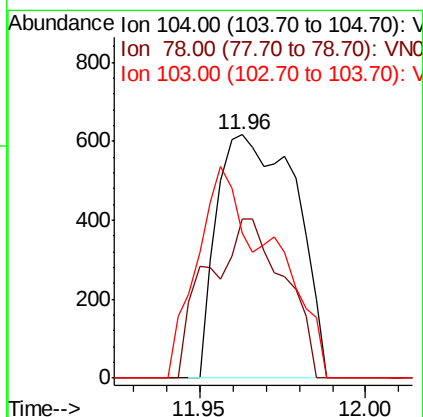
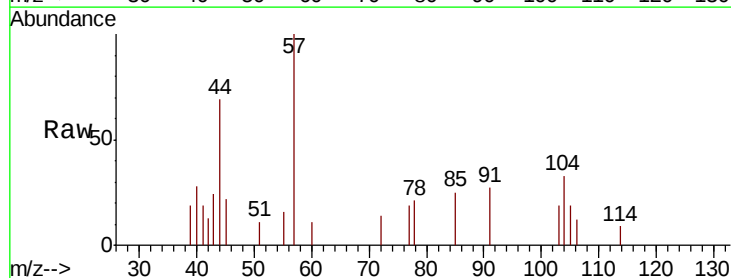
Instrument :
MSVOA_N
ClientSampleId :
TS-LINER-RO-135

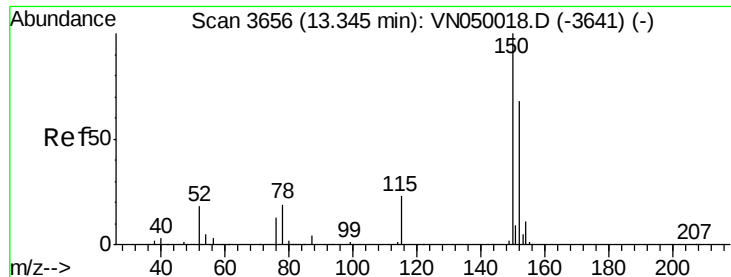
Tot Ion:117 Resp: 924179
Ion Ratio Lower Upper
117 100
82 54.1 43.7 65.5
119 32.3 26.1 39.1



#70
Styrene
Concen: 0.96 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VN050283.D
Acq: 3 Aug 2018 00:04

Tgt Ion:104 Resp: 1024
Ion Ratio Lower Upper
104 100
78 63.1 39.3 58.9#
103 53.3 45.0 67.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050283.D

Acq: 3 Aug 2018 00:04

Instrument :

MSVOA_N

ClientSampleId :

TS-LINER-RO-135

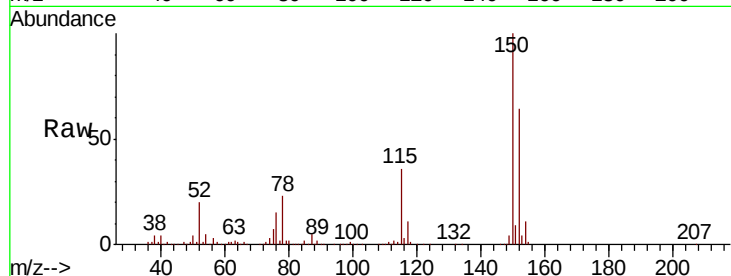
Tot Ion:152 Resp: 339189

Ion Ratio Lower Upper

152 100

115 56.0 27.8 83.3

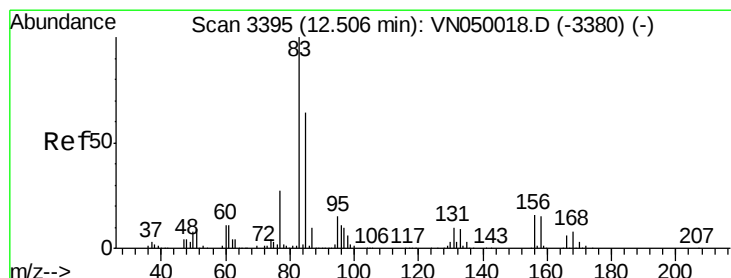
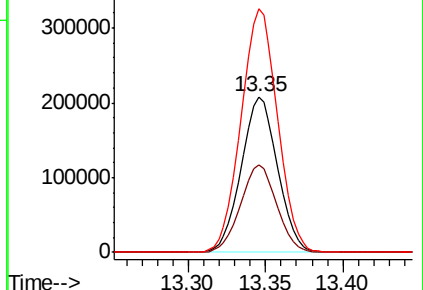
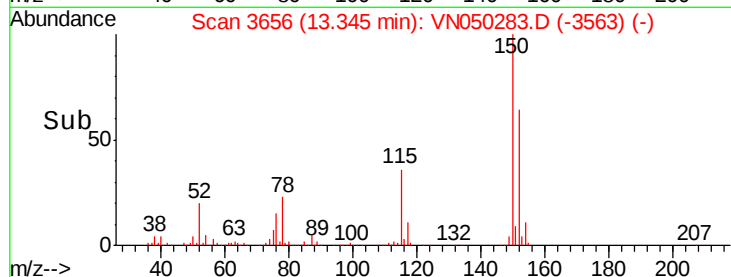
150 157.6 0.0 348.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3394

Delta R.T. -0.00 min

Lab File: VN050283.D

Acq: 3 Aug 2018 00:04

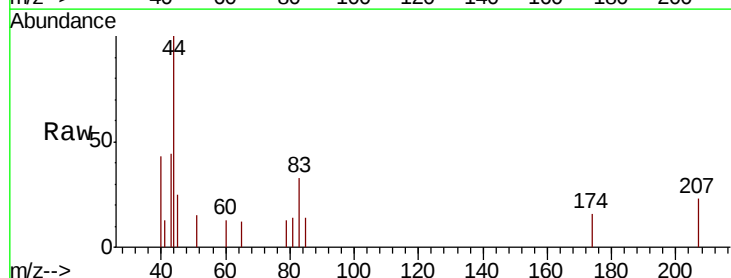
Tgt Ion: 83 Resp: 513

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

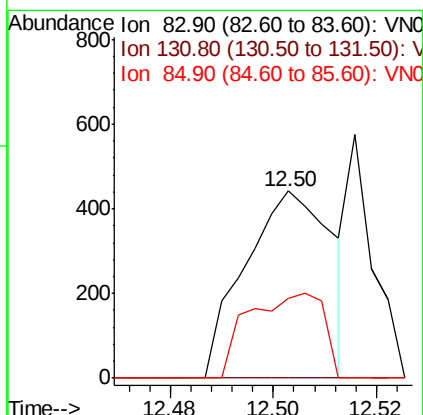
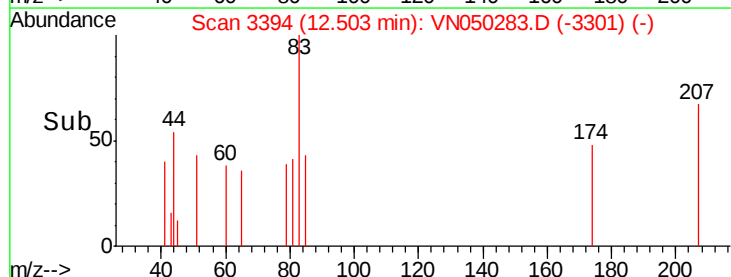
85 39.4 32.3 96.8

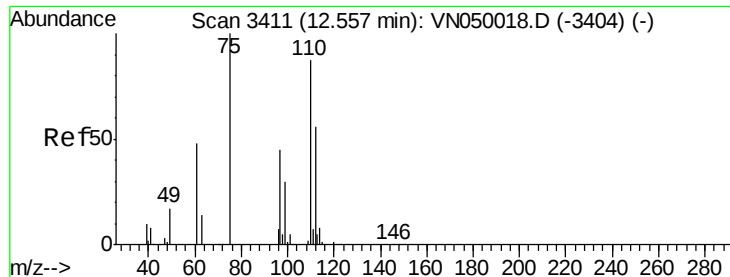


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 30.91 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050283.D

Acq: 3 Aug 2018 00:04

Instrument :

MSVOA_N

ClientSampleId :

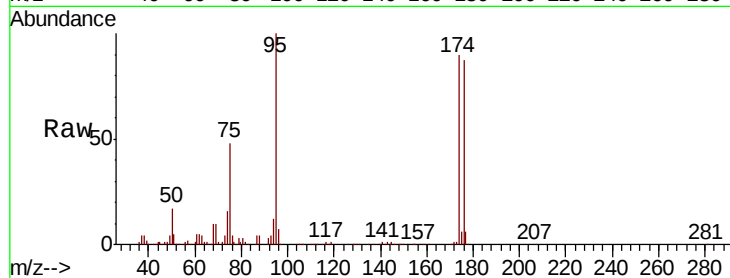
TS-LINER-RO-135

Tot Ion: 75 Resp: 194842

Ion Ratio Lower Upper

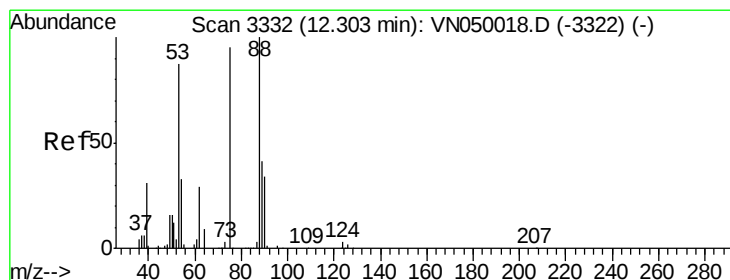
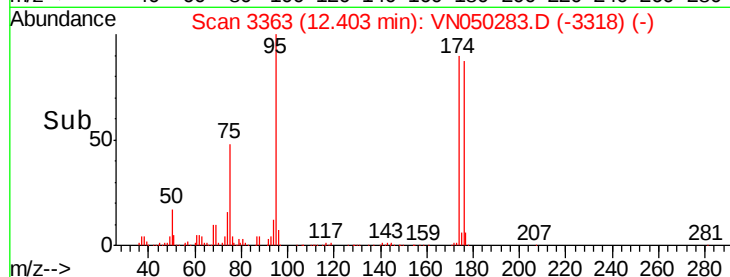
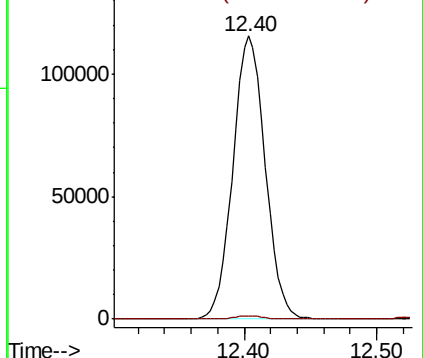
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO



#81

trans-1,4-Dichloro-2-butene

Concen: 98.04 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050283.D

Acq: 3 Aug 2018 00:04

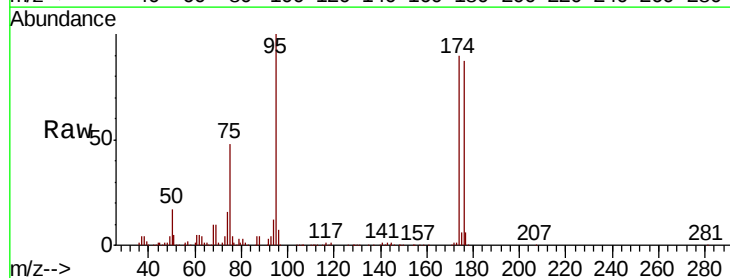
Tgt Ion: 75 Resp: 194842

Ion Ratio Lower Upper

75 100

53 0.2 73.5 110.3#

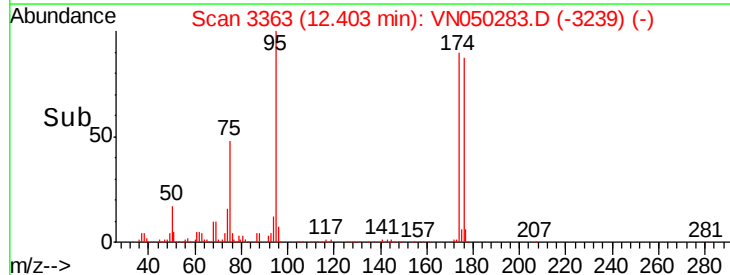
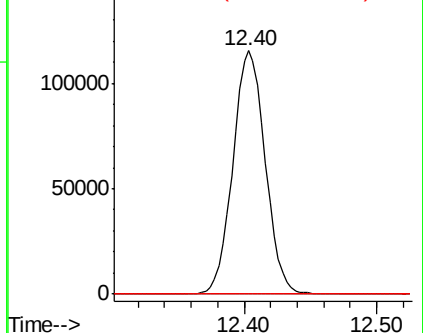
89 0.0 36.0 54.0#

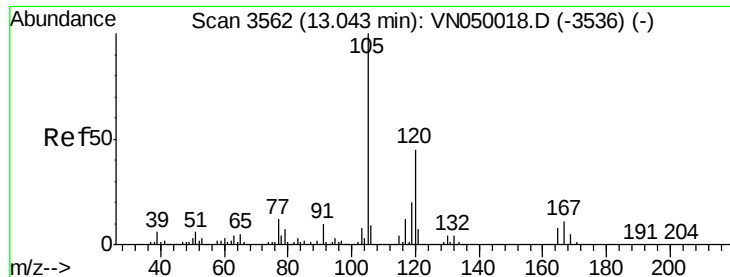


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

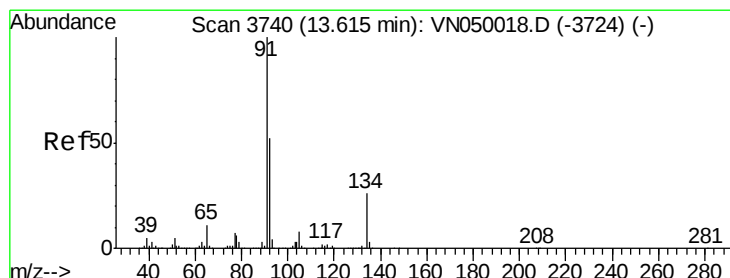
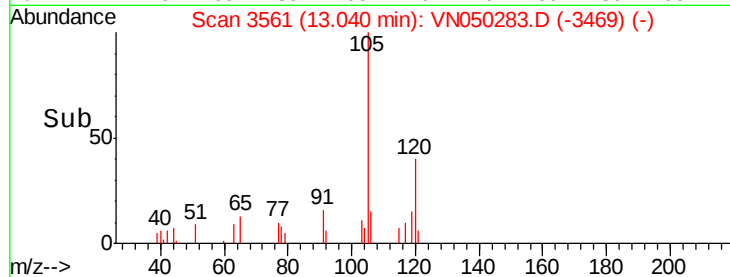
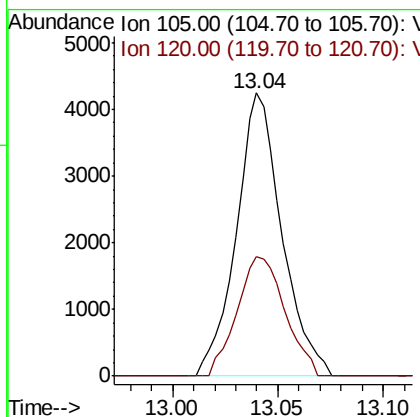
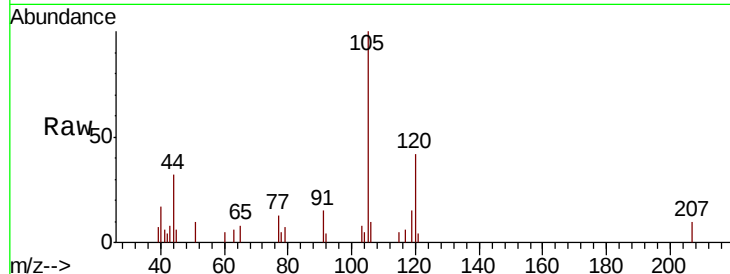




#84
 1,2,4-Trimethylbenzene
 Concen: 0.30 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. -0.00 min
 Lab File: VN050283.D
 Acq: 3 Aug 2018 00:04

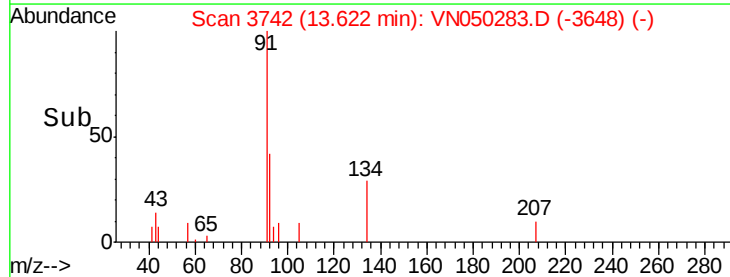
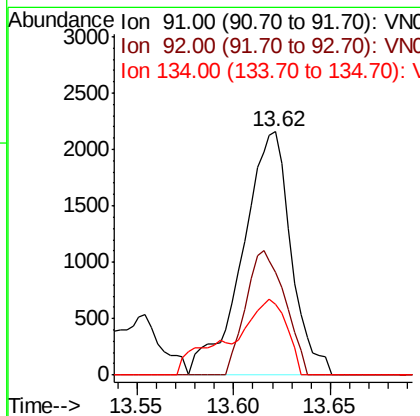
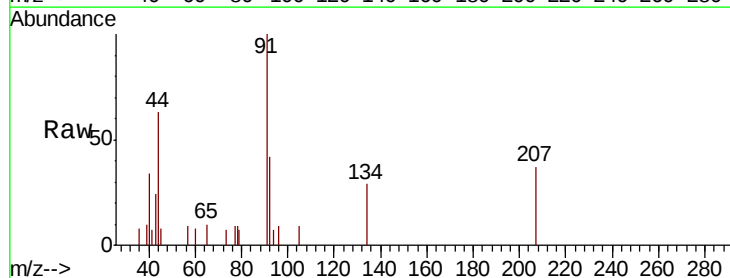
Instrument :
 MSVOA_N
 ClientSampleId :
 TS-LINER-RO-135

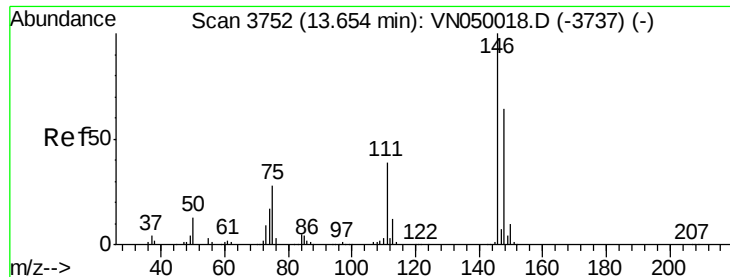
Tot Ion:105 Resp: 6360
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.9 68.7



#89
 n-Butylbenzene
 Concen: 0.22 ug/l
 RT: 13.62 min Scan# 3742
 Delta R.T. 0.00 min
 Lab File: VN050283.D
 Acq: 3 Aug 2018 00:04

Tgt Ion: 91 Resp: 3741
 Ion Ratio Lower Upper
 91 100
 92 41.5 25.8 77.4
 134 25.3 12.8 38.4





#91

1,2-Dichlorobenzene

Concen: 0.20 ug/l

RT: 13.66 min Scan# 3753

Delta R.T. 0.00 min

Lab File: VN050283.D

Acq: 3 Aug 2018 00:04

Instrument :

MSVOA_N

ClientSampleId :

TS-LINER-RO-135

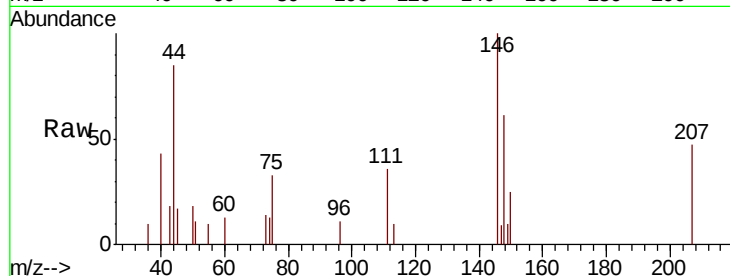
Tot Ion:146 Resp: 2506

Ion Ratio Lower Upper

146 100

111 38.1 19.6 58.7

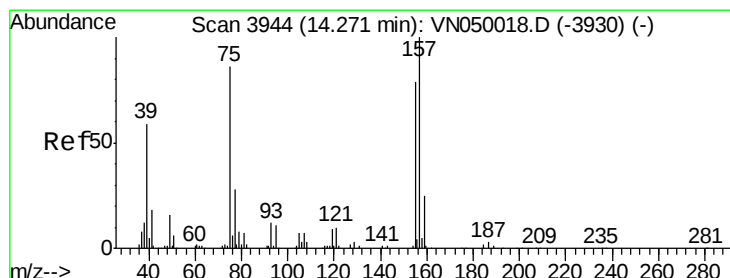
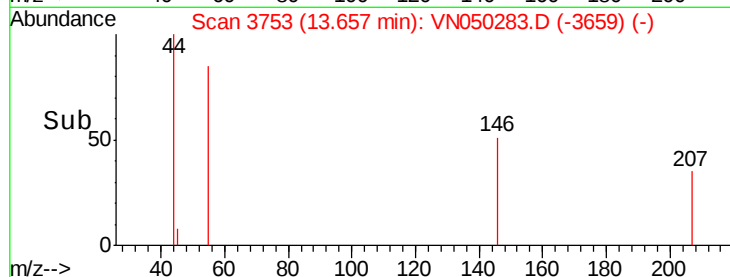
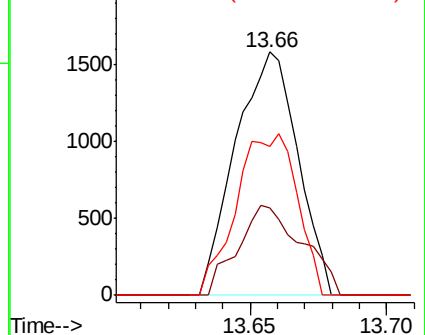
148 64.9 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.26 min Scan# 3941

Delta R.T. -0.01 min

Lab File: VN050283.D

Acq: 3 Aug 2018 00:04

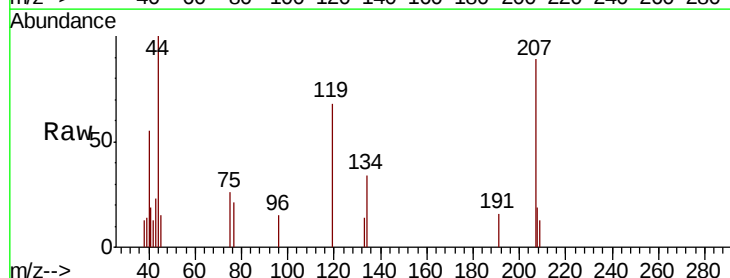
Tgt Ion: 75 Resp: 461

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

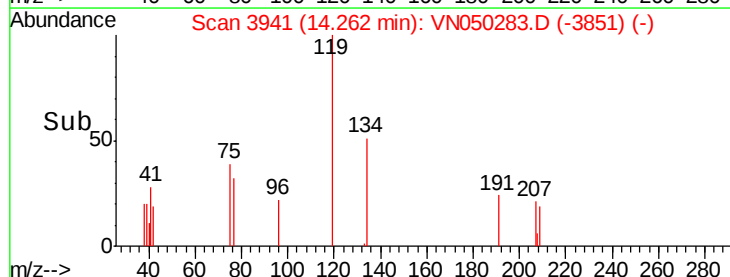
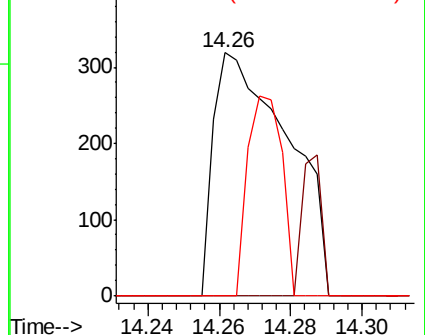
157 37.7 57.2 171.6#

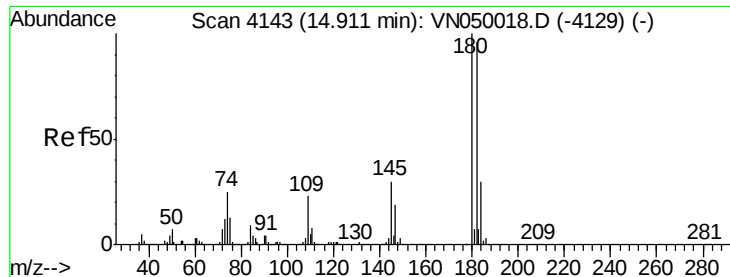


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

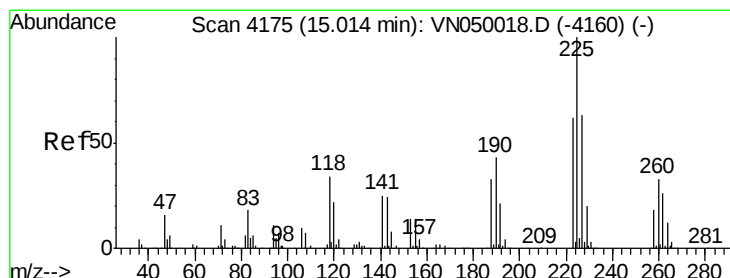
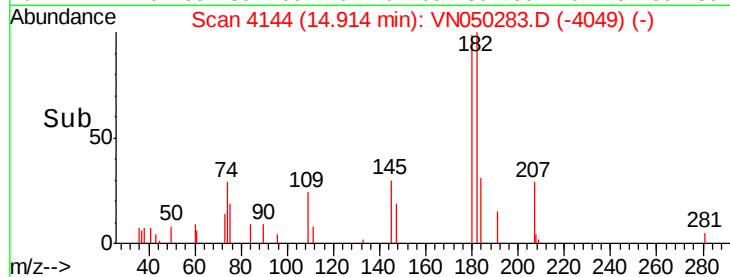
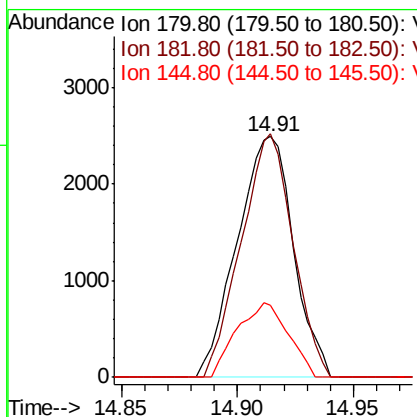
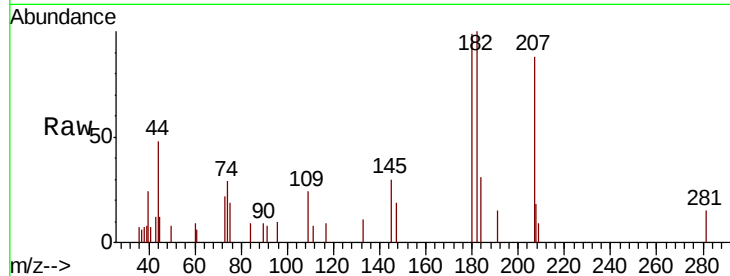




#93
 1,2,4-Trichlorobenzene
 Concen: 3.69 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN050283.D
 Acq: 3 Aug 2018 00:04

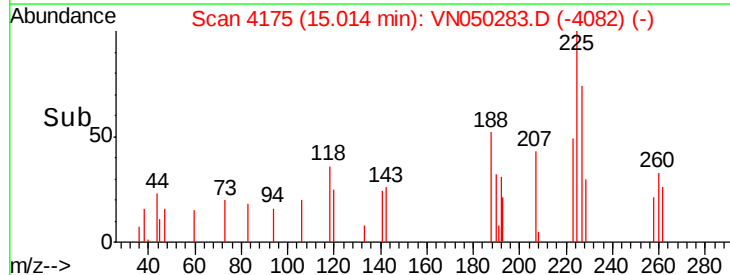
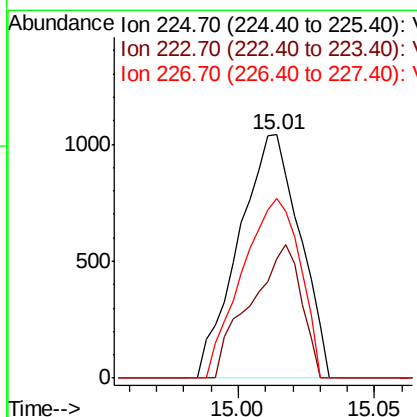
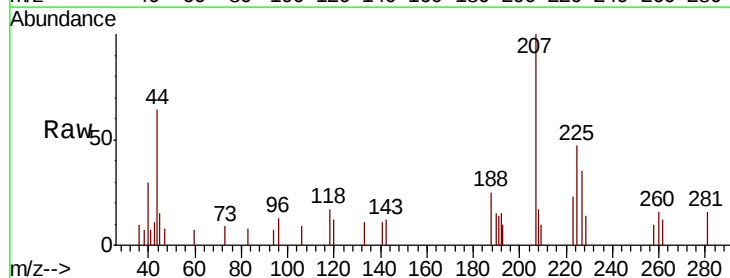
Instrument :
 MSVOA_N
 ClientSampleId :
 TS-LINER-RO-135

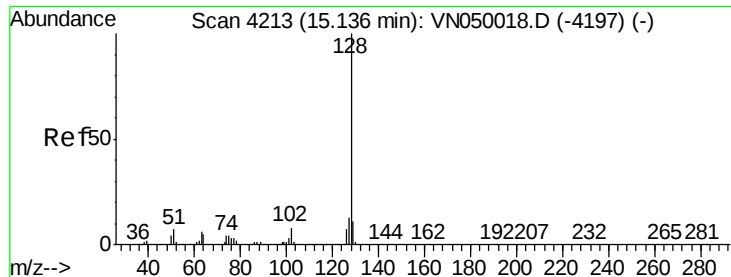
Tot Ion:180 Resp: 4189
 Ion Ratio Lower Upper
 180 100
 182 93.1 46.7 140.1
 145 28.2 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 0.43 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN050283.D
 Acq: 3 Aug 2018 00:04

Tgt Ion:225 Resp: 1619
 Ion Ratio Lower Upper
 225 100
 223 46.0 31.4 94.2
 227 70.0 32.1 96.5





#95

Naphthalene

Concen: 8.68 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050283.D

Acq: 3 Aug 2018 00:04

Instrument :

MSVOA_N

ClientSampleId :

TS-LINER-RO-135

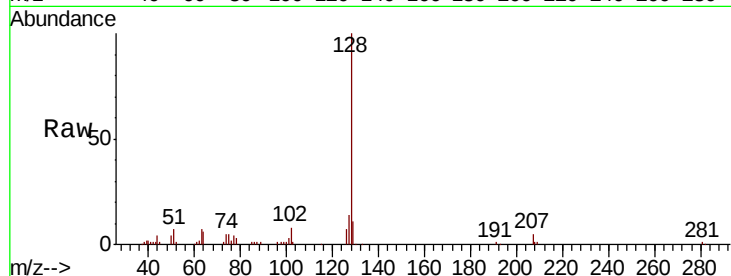
Tot Ion:128 Resp: 72418

Ion Ratio Lower Upper

128 100

127 14.5 10.4 15.6

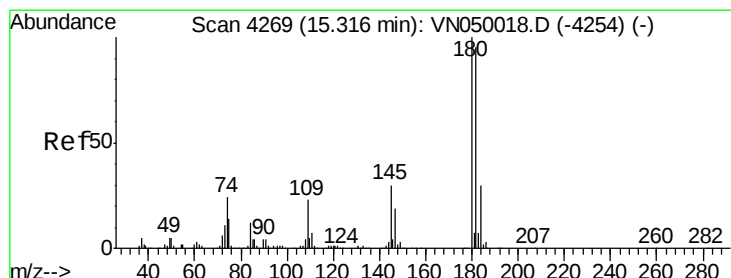
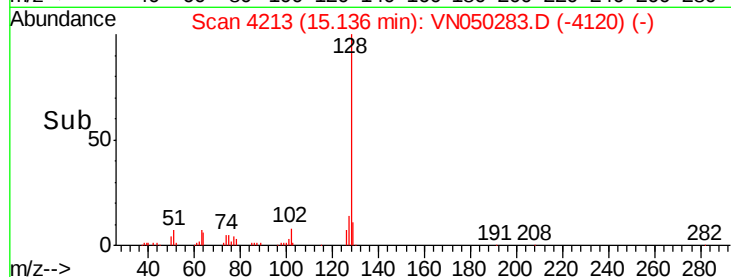
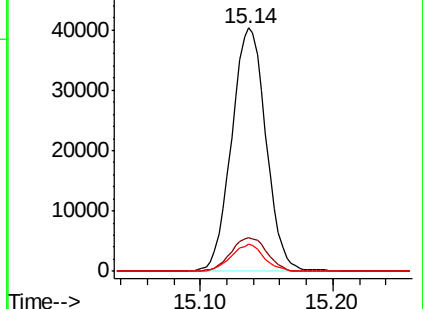
129 10.5 8.8 13.2



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



#96

1,2,3-Trichlorobenzene

Concen: 2.95 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. -0.00 min

Lab File: VN050283.D

Acq: 3 Aug 2018 00:04

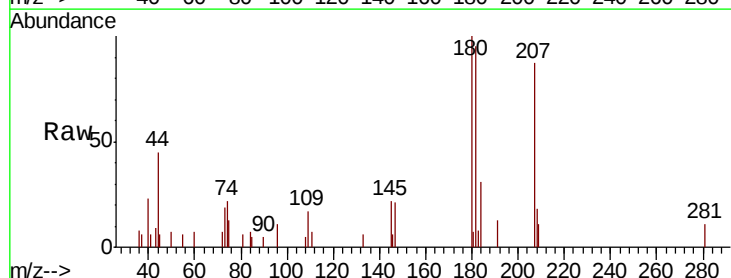
Tgt Ion:180 Resp: 4956

Ion Ratio Lower Upper

180 100

182 97.8 48.1 144.4

145 14.8 15.3 45.9#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

