

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN010319\
 Data File : VN053271.D
 Acq On : 3 Jan 2019 19:11
 Operator : MD\SY
 Sample : K1016-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-04-010219

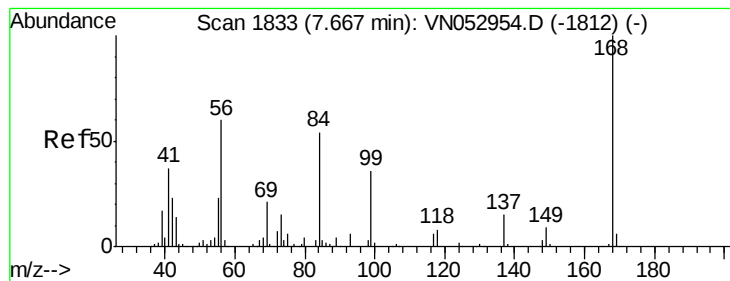
Quant Time: Jan 04 00:56:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1031969	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1607301	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1488692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	633610	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	525284	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
35) Dibromofluoromethane	7.59	113	458455	62.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.88%	
50) Toluene-d8	10.09	98	1990904	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
62) 4-Bromofluorobenzene	12.40	95	675355	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	

Target Compounds				Qvalue		
11) Tert butyl alcohol	4.77	59	1047	1.639	ug/l #	74
13) Acrolein	3.61	56	541	0.934	ug/l	99
14) Allyl chloride	4.56	41	12202	0.801	ug/l #	24
16) Acetone	3.82	43	21247	10.348	ug/l	98
18) Methyl Acetate	4.33	43	8388	1.874	ug/l #	88
20) Methylene Chloride	4.55	84	305569	27.281	ug/l	98
25) 2-Butanone	6.84	43	13057	3.789	ug/l	94
29) Tetrahydrofuran	7.22	42	1135	0.441	ug/l #	48
31) Cyclohexane	7.66	56	16237	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	67652	4.385	ug/l #	49
37) Ethyl Acetate	6.84	43	13057	1.516	ug/l #	68
38) Carbon Tetrachloride	7.67	117	87975	6.221	ug/l #	16
43) Isopropyl Acetate	8.17	43	50763	2.044	ug/l #	80
45) 1,2-Dichloropropane	9.27	63	2786	0.233	ug/l #	44
48) Methyl methacrylate	9.18	41	15293	1.830	ug/l #	24
49) 1,4-Dioxane	9.27	88	301	2.847	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	15263	1.830	ug/l #	35
52) Toluene	10.16	92	21480	0.755	ug/l	98
54) cis-1,3-Dichloropropene	9.90	75	96351	5.393	ug/l #	61
57) 1,3-Dichloropropane	10.76	76	20110	1.182	ug/l #	43
59) 2-Hexanone	10.76	43	276652	49.026	ug/l #	51
68) m/p-Xylenes	11.62	106	8689	0.403	ug/l	99
69) o-Xylene	11.95	106	4491	0.217	ug/l	93
71) Bromoform	12.41	173	4507	0.544	ug/l #	1
74) N-amyl acetate	12.03	43	3014	0.219	ug/l #	44
76) 1,2,3-Trichloropropane	12.40	75	317052	29.725	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	317052	95.807	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.04	105	14051	0.346	ug/l	96
95) Naphthalene	15.14	128	18233	1.862	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

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MSVOA_N

ClientSampled :

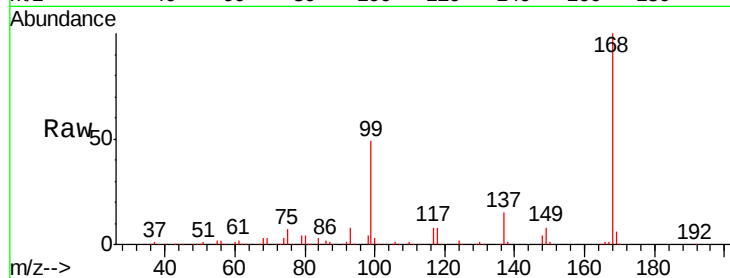
TR-04-010219

Tgt Ion:168 Resp: 1031969

Ion Ratio Lower Upper

168 100

99 49.1 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

400000

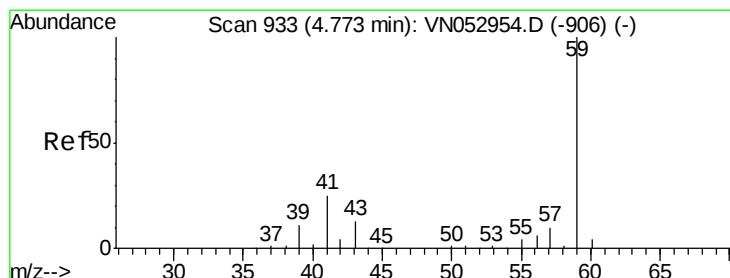
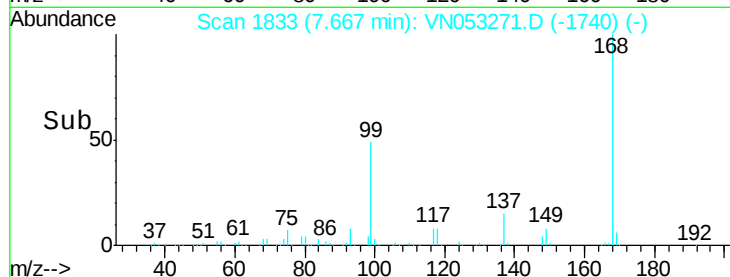
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.639 ug/l

RT: 4.77 min Scan# 932

Delta R.T. -0.00 min

Lab File: VN053271.D

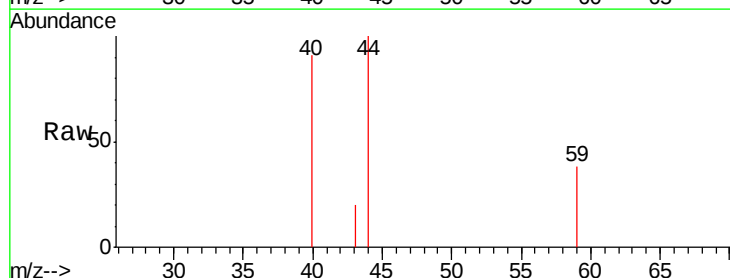
Acq: 3 Jan 2019 19:11

Tgt Ion: 59 Resp: 1047

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.77

400

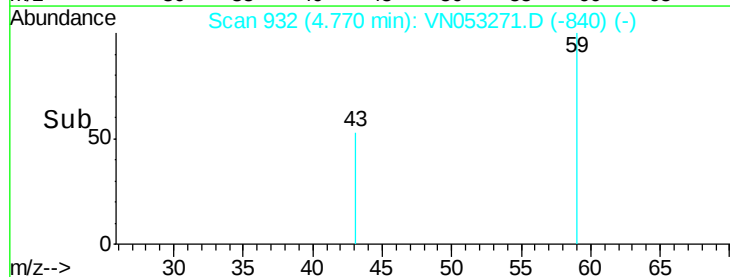
300

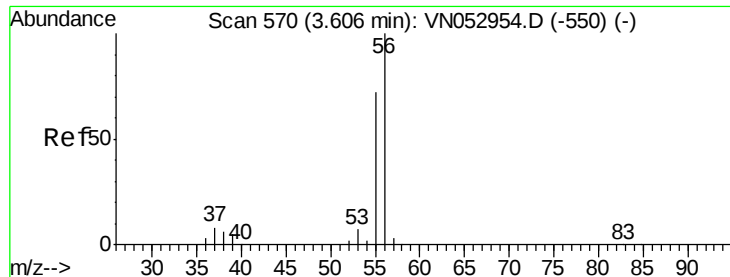
200

100

0

Time-->





#13

Acrolein

Concen: 0.934 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN053271.D

Acq: 3 Jan 2019 19:11

Instrument :

MSVOA_N

ClientSampled :

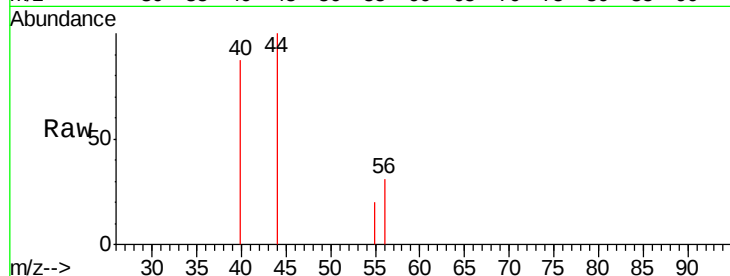
TR-04-010219

Tgt Ion: 56 Resp: 541

Ion Ratio Lower Upper

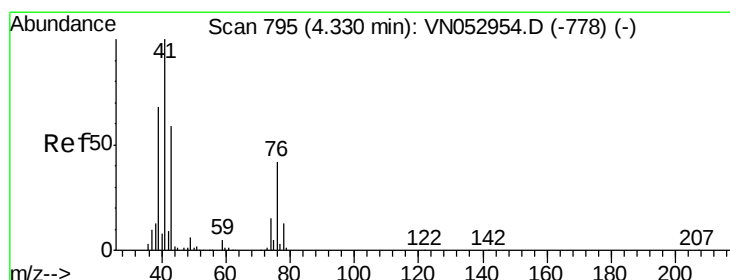
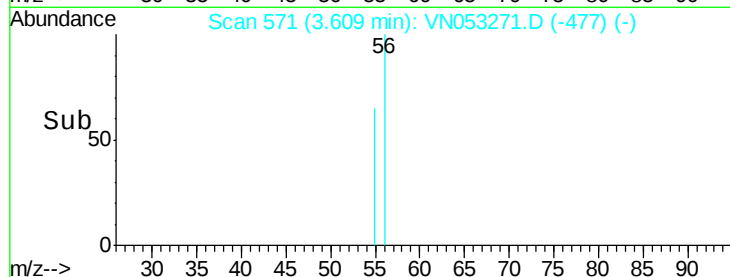
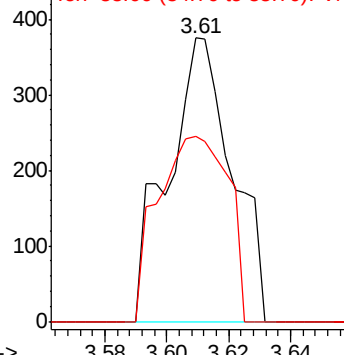
56 100

55 71.7 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 0.801 ug/l

RT: 4.56 min Scan# 867

Delta R.T. 0.23 min

Lab File: VN053271.D

Acq: 3 Jan 2019 19:11

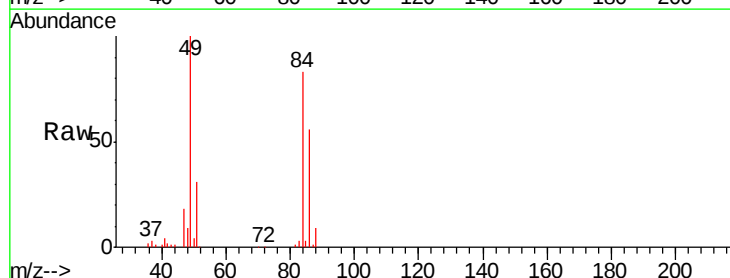
Tgt Ion: 41 Resp: 12202

Ion Ratio Lower Upper

41 100

39 0.0 54.1 81.1#

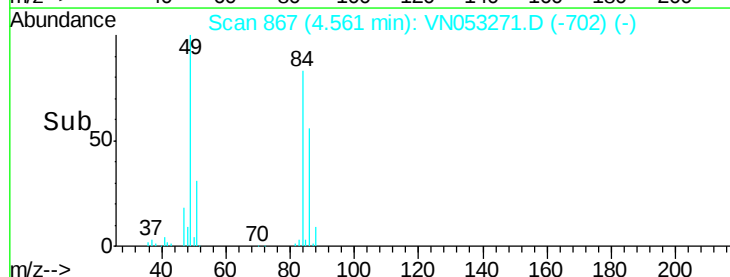
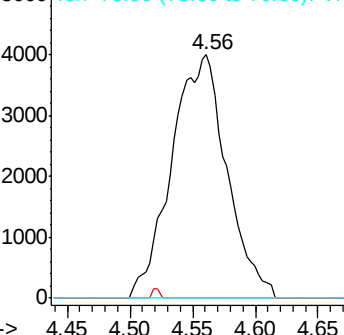
76 0.0 30.3 45.5#

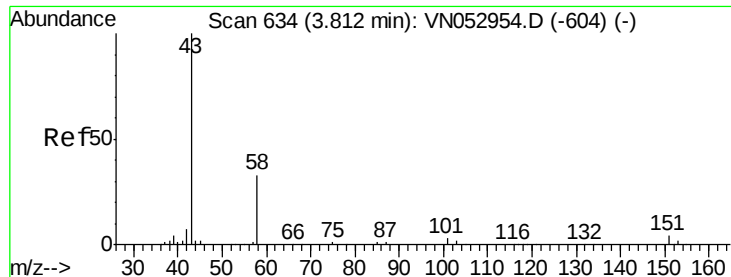


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#16

Acetone

Concen: 10.348 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053271.D

Acq: 3 Jan 2019 19:11

Instrument :

MSVOA_N

ClientSampleId :

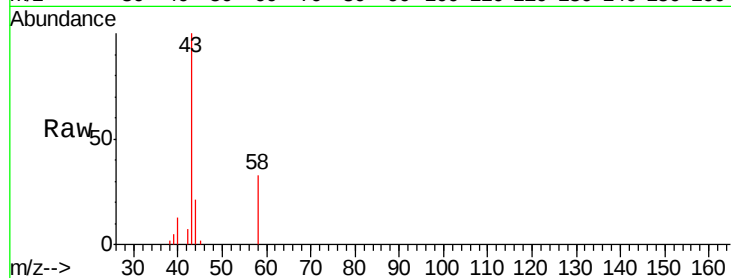
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Tgt Ion: 43 Resp: 21247

Ion Ratio Lower Upper

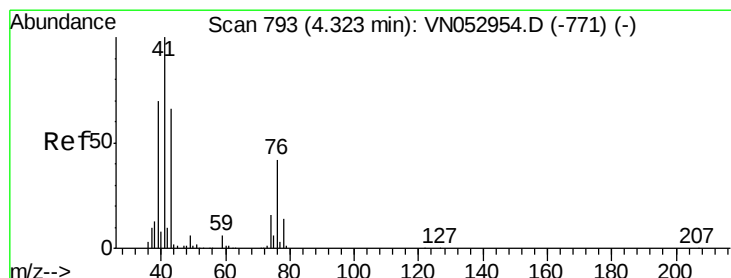
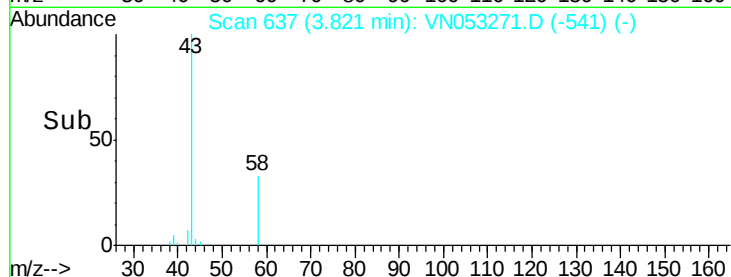
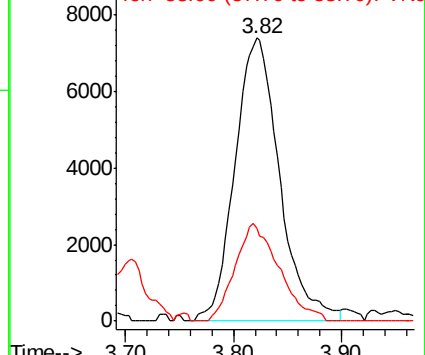
43 100

58 32.6 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 1.874 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN053271.D

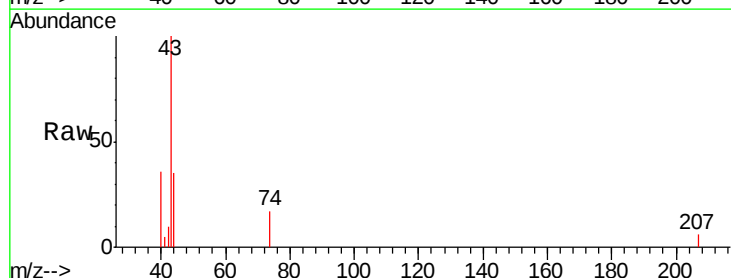
Acq: 3 Jan 2019 19:11

Tgt Ion: 43 Resp: 8388

Ion Ratio Lower Upper

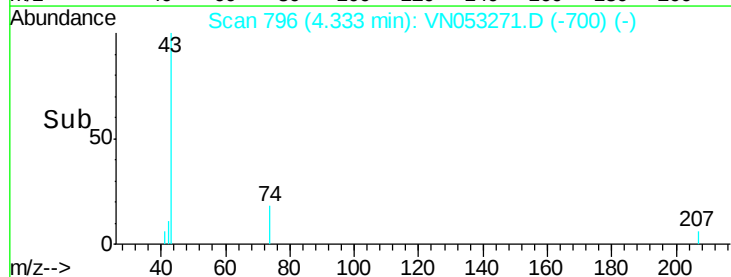
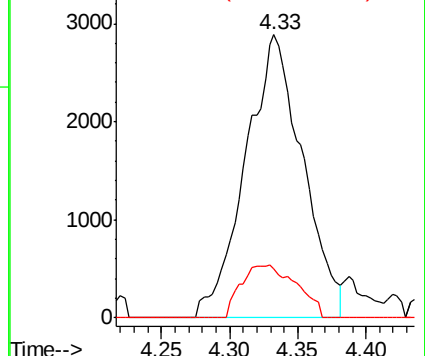
43 100

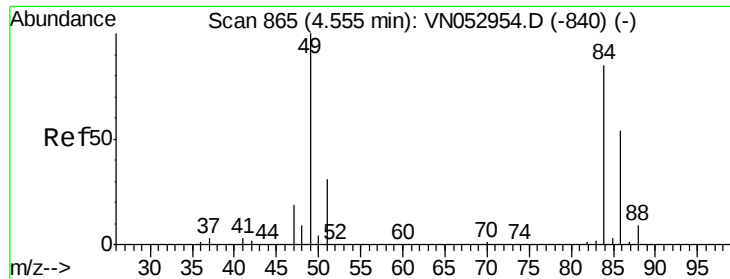
74 18.1 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

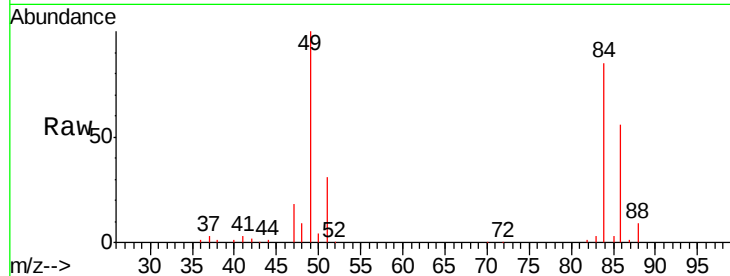




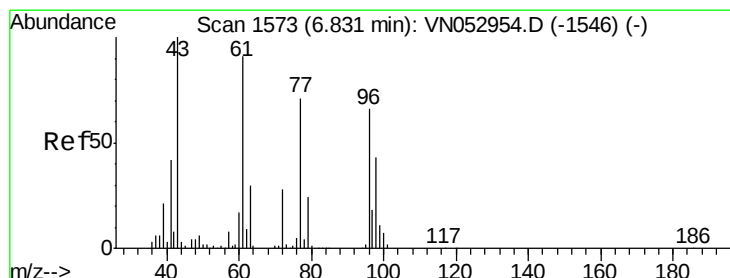
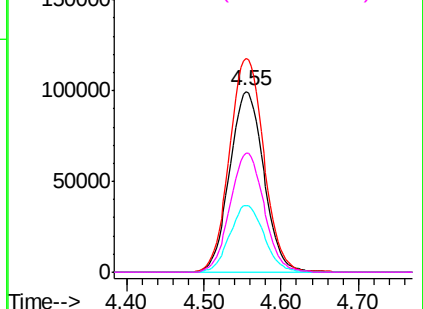
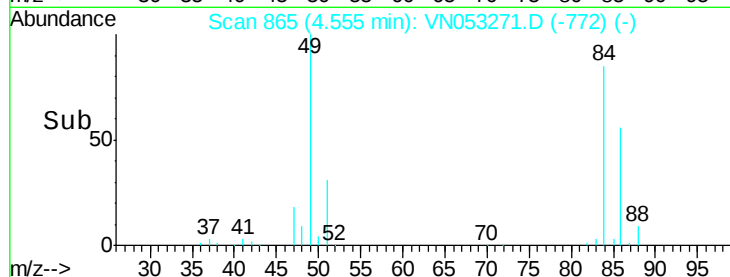
#20
Methylene Chloride
Concen: 27.281 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN053271.D
Acq: 3 Jan 2019 19:11

Instrument :
MSVOA_N
ClientSampleId :
TR-04-010219

Tgt Ion:	84	Resp:	305569
Ion	Ratio	Lower	Upper
84	100		
49	118.1	96.8	145.2
51	37.2	29.9	44.9
86	65.6	51.8	77.6

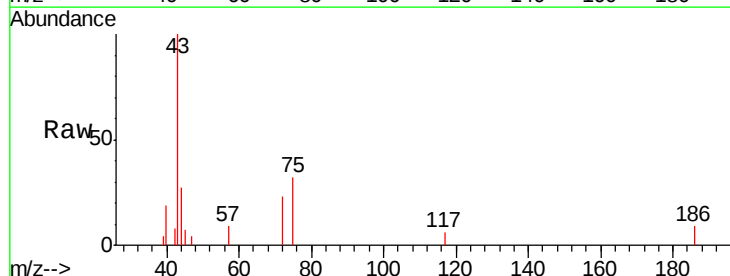


Abundance Ion 83.90 (83.60 to 84.60): VN0

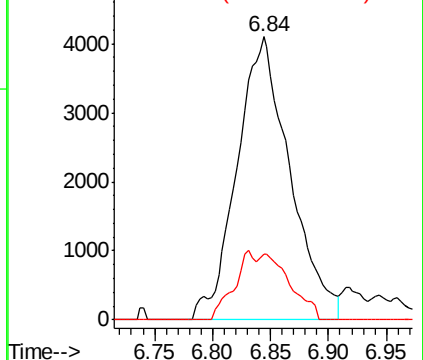
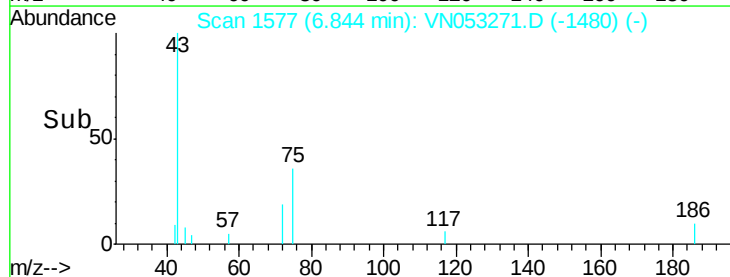


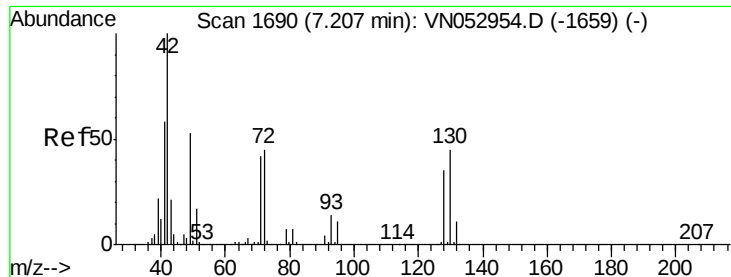
#25
2-Butanone
Concen: 3.789 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN053271.D
Acq: 3 Jan 2019 19:11

Tgt Ion:	43	Resp:	13057
Ion	Ratio	Lower	Upper
43	100		
72	23.1	21.0	31.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

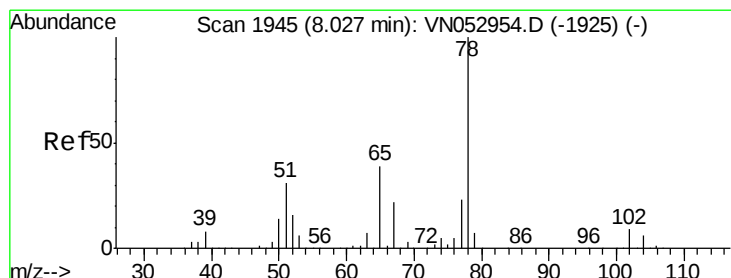
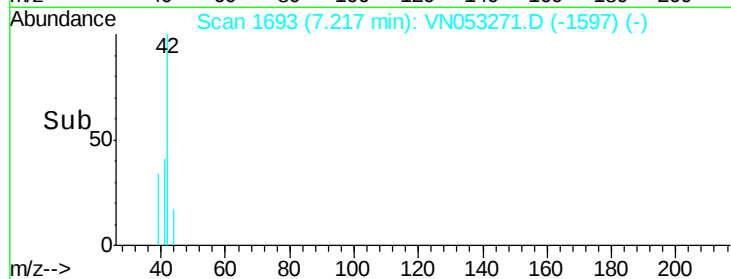
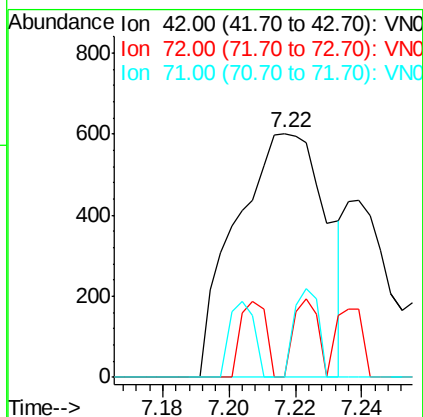
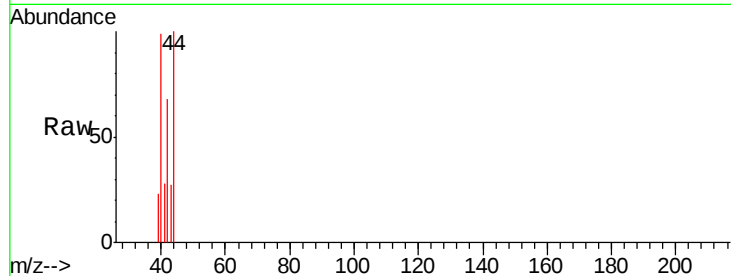




#29
Tetrahydrofuran
Concen: 0.441 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VN053271.D
Acq: 3 Jan 2019 19:11

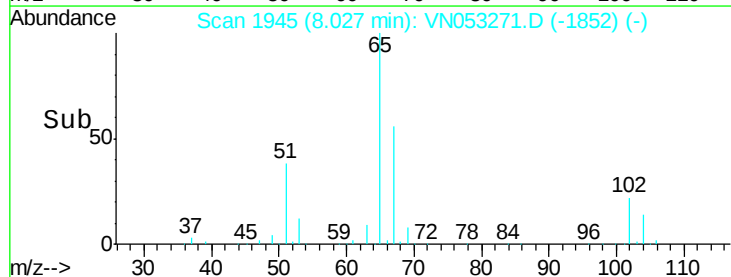
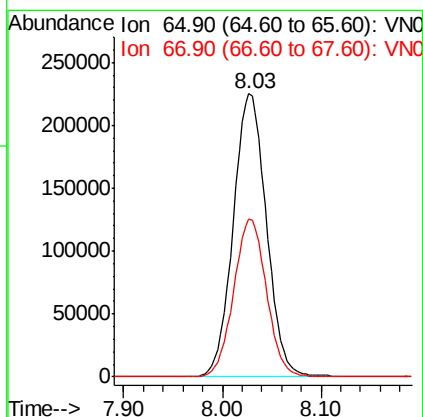
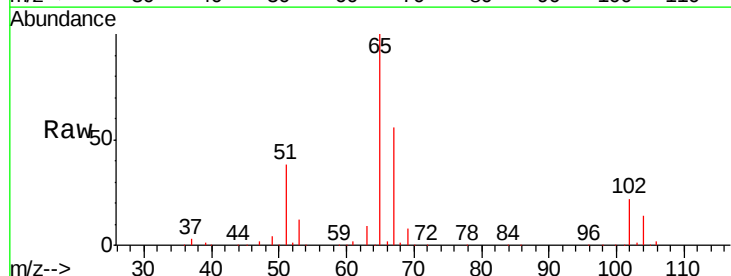
Instrument :
MSVOA_N
ClientSampleId :
TR-04-010219

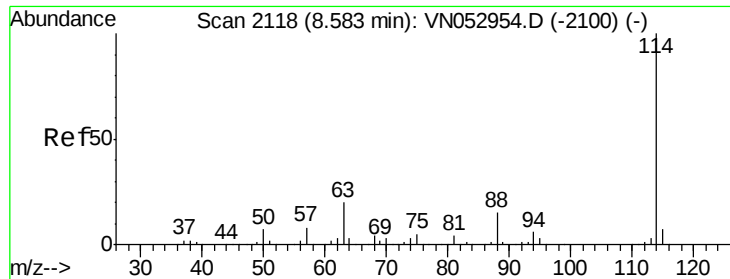
Tgt Ion: 42 Resp: 1135
Ion Ratio Lower Upper
42 100
72 8.6 34.7 52.1#
71 10.0 32.3 48.5#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN053271.D
Acq: 3 Jan 2019 19:11

Tgt Ion: 65 Resp: 525284
Ion Ratio Lower Upper
65 100
67 55.1 0.0 110.4

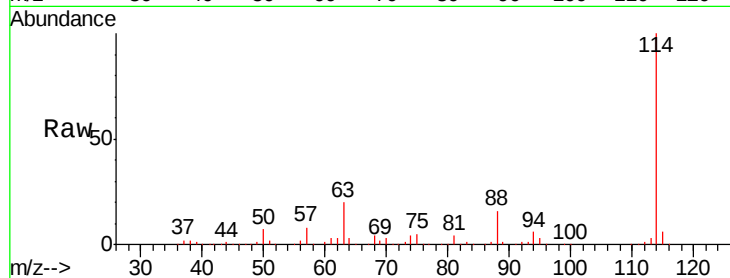




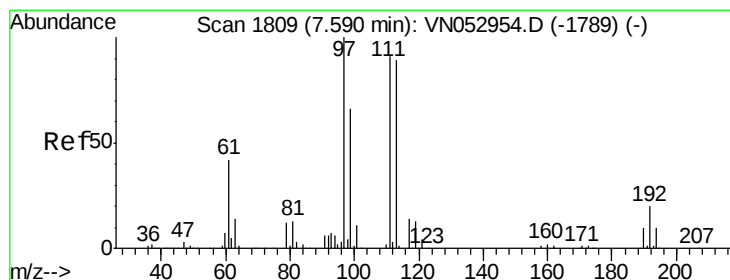
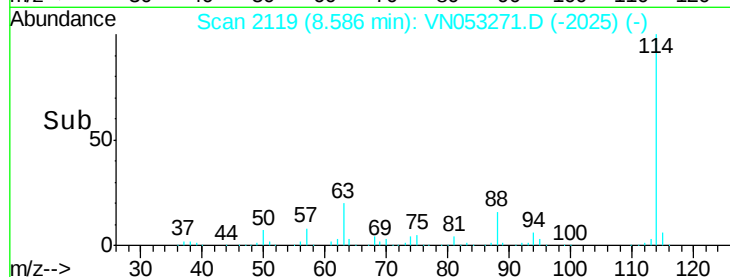
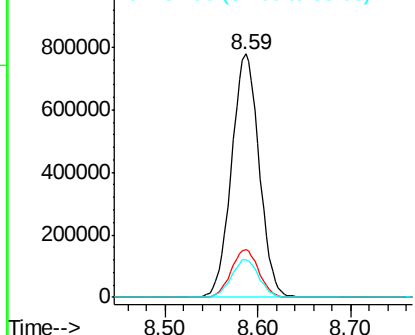
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053271.D
 Acq: 3 Jan 2019 19:11

Instrument :
 MSVOA_N
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Tgt Ion:114 Resp: 1607301
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.8
 88 15.6 0.0 31.0

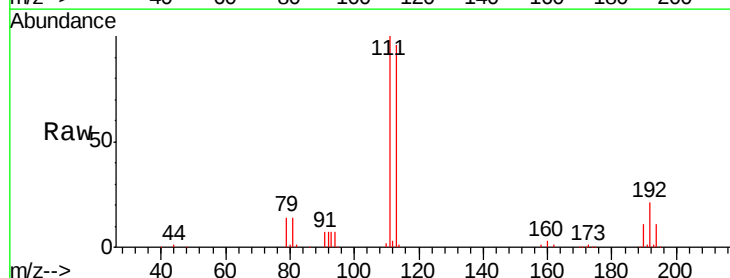


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

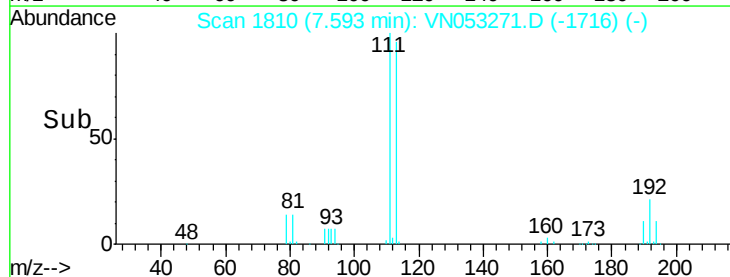
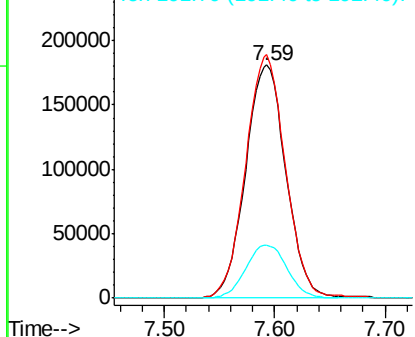


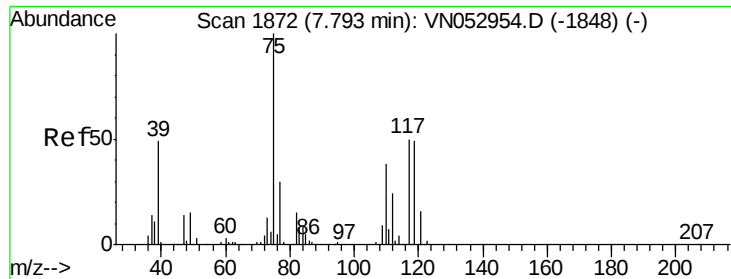
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053271.D
 Acq: 3 Jan 2019 19:11

Tgt Ion:113 Resp: 458455
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.0 124.4
 192 23.3 17.5 26.3



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

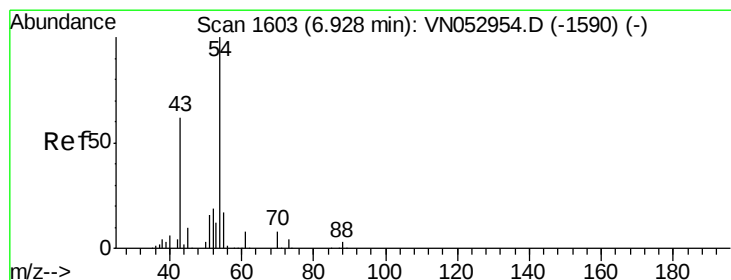
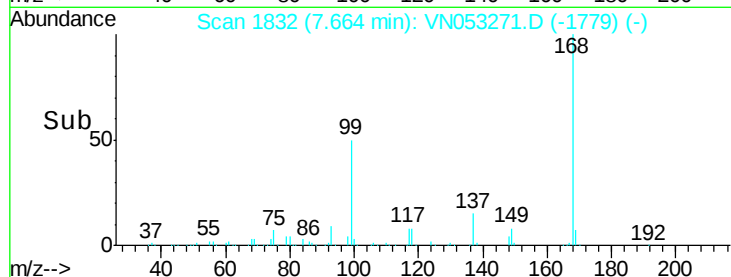
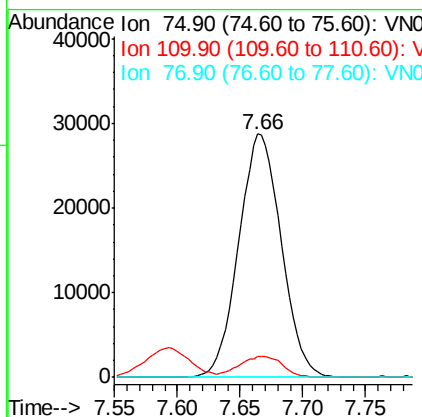
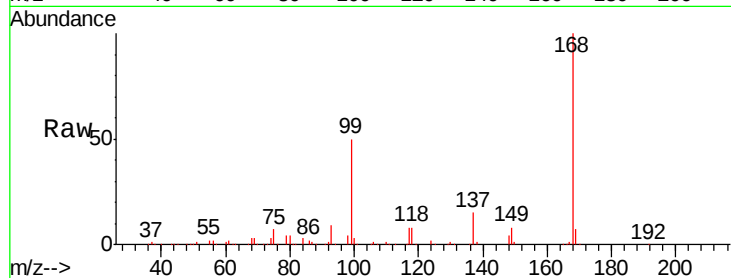




#36
 1,1-Dichloropropene
 Concen: 4.385 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053271.D
 Acq: 3 Jan 2019 19:11

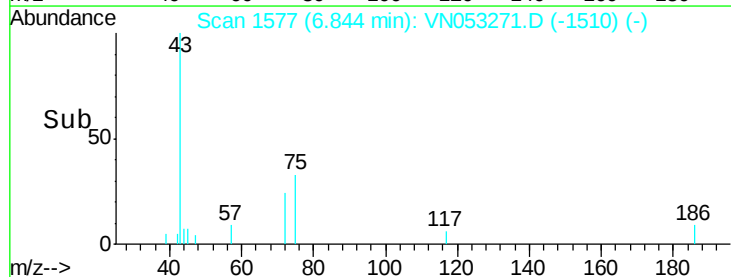
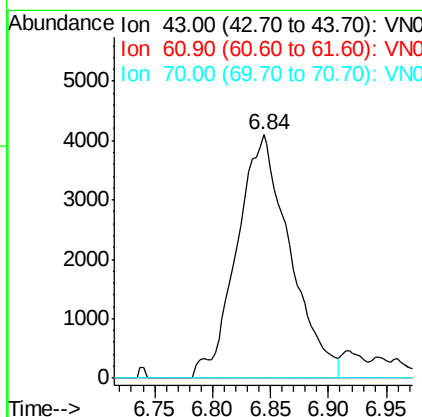
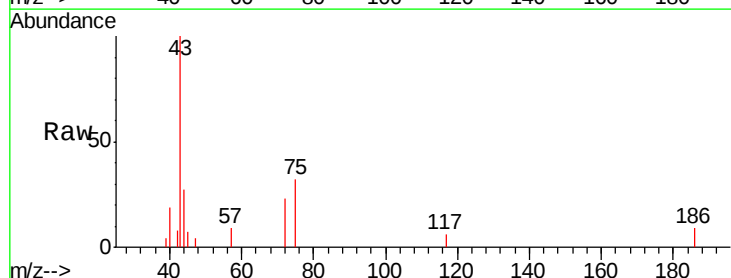
Instrument :
 MSVOA_N
 ClientSampled :
 TR-04-010219

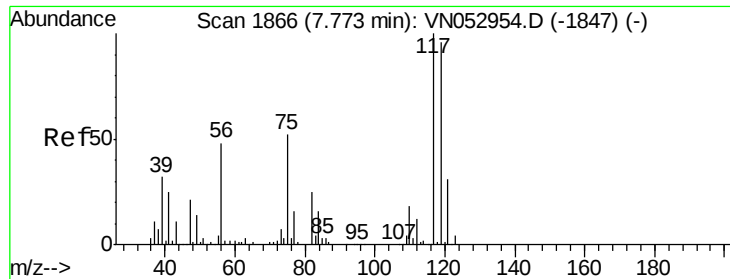
Tgt Ion: 75 Resp: 67652
 Ion Ratio Lower Upper
 75 100
 110 8.7 18.2 54.6#
 77 0.0 24.9 37.3#



#37
 Ethyl Acetate
 Concen: 1.516 ug/l
 RT: 6.84 min Scan# 1577
 Delta R.T. -0.08 min
 Lab File: VN053271.D
 Acq: 3 Jan 2019 19:11

Tgt Ion: 43 Resp: 13057
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.8 17.6#
 70 0.0 8.4 12.6#





#38

Carbon Tetrachloride

Concen: 6.221 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053271.D

Acq: 3 Jan 2019 19:11

Instrument :

MSVOA_N

ClientSampleId :

TR-04-010219

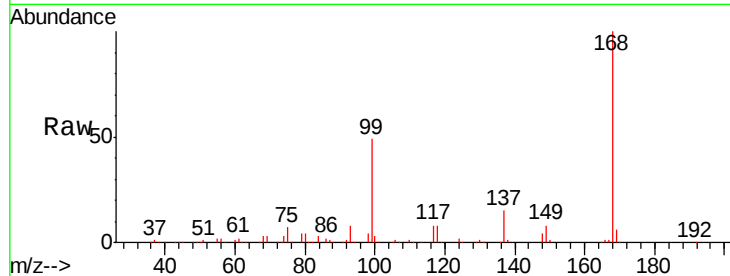
Tgt Ion:117 Resp: 87975

Ion Ratio Lower Upper

117 100

119 5.4 77.1 115.7#

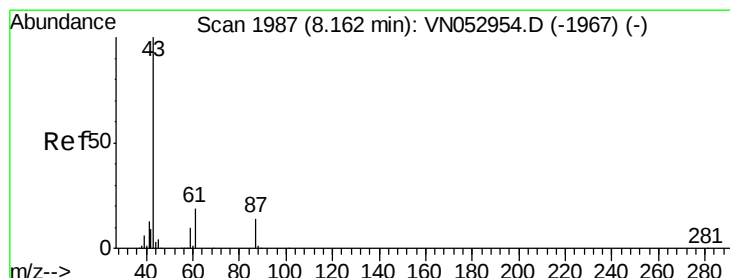
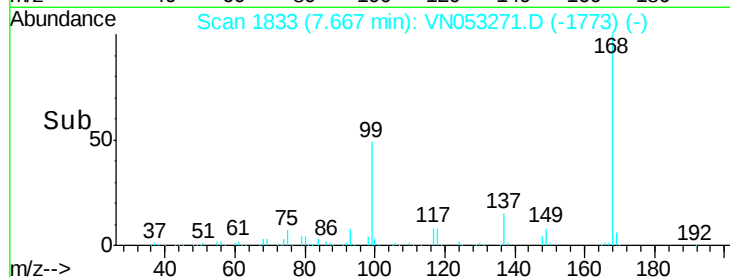
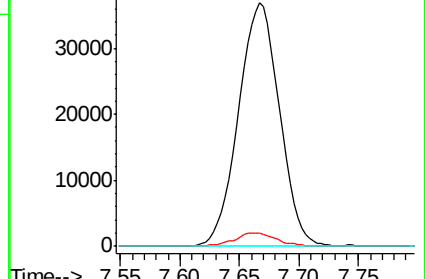
121 0.0 24.9 37.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 2.044 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053271.D

Acq: 3 Jan 2019 19:11

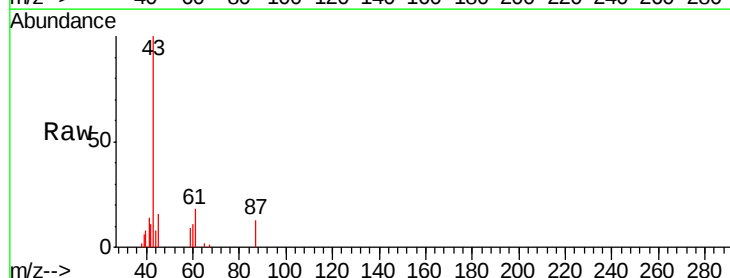
Tgt Ion: 43 Resp: 50763

Ion Ratio Lower Upper

43 100

61 15.3 22.9 34.3#

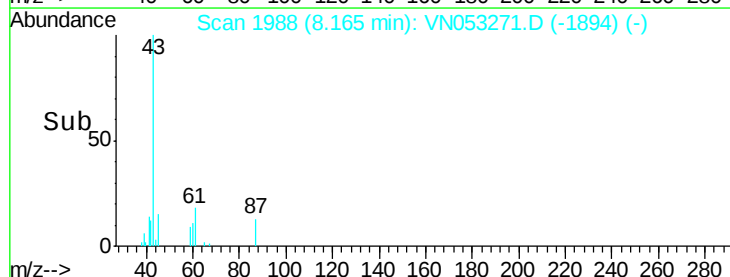
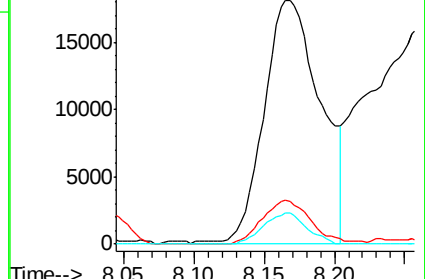
87 9.7 10.6 15.8#

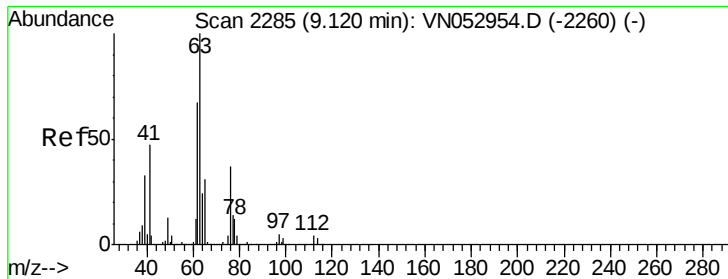


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#45

1,2-Dichloropropane

Concen: 0.233 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN053271.D

Acq: 3 Jan 2019 19:11

Instrument :

MSVOA_N

ClientSampleId :

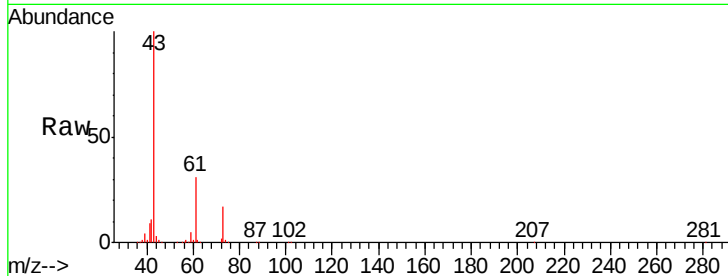
TR-04-010219

Tgt Ion: 63 Resp: 2786

Ion Ratio Lower Upper

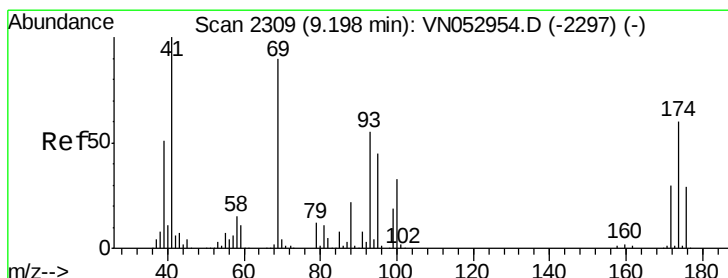
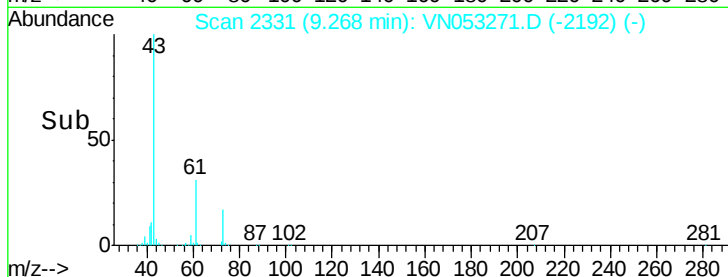
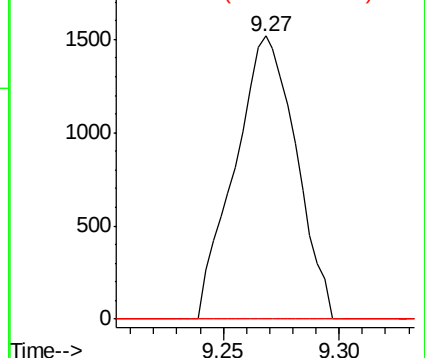
63 100

65 0.0 24.6 37.0#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#48

Methyl methacrylate

Concen: 1.830 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN053271.D

Acq: 3 Jan 2019 19:11

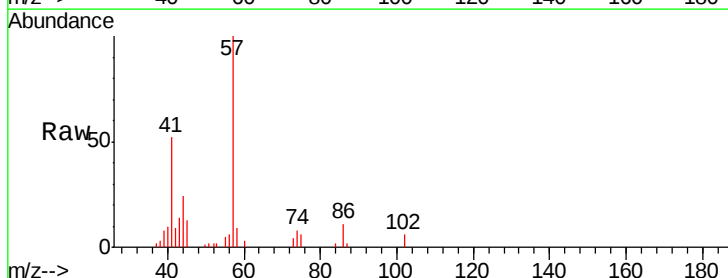
Tgt Ion: 41 Resp: 15293

Ion Ratio Lower Upper

41 100

69 0.0 72.2 108.2#

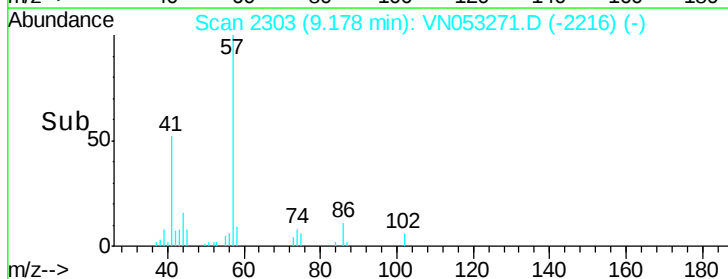
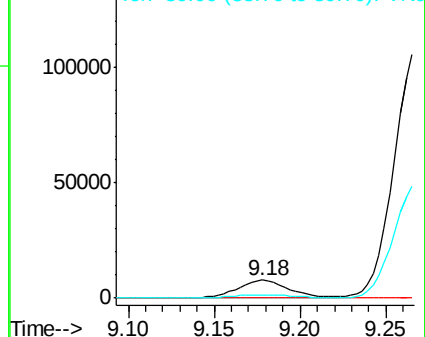
39 23.0 41.9 62.9#

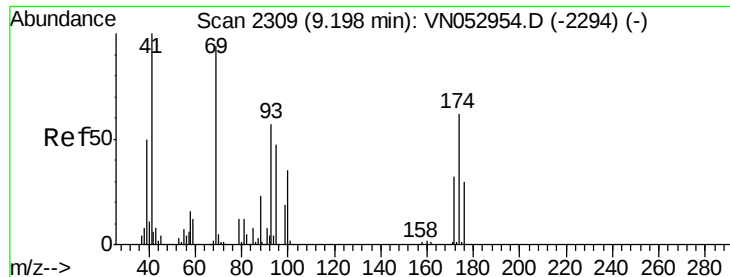


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

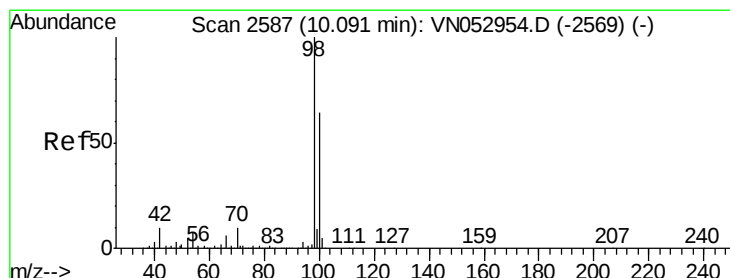
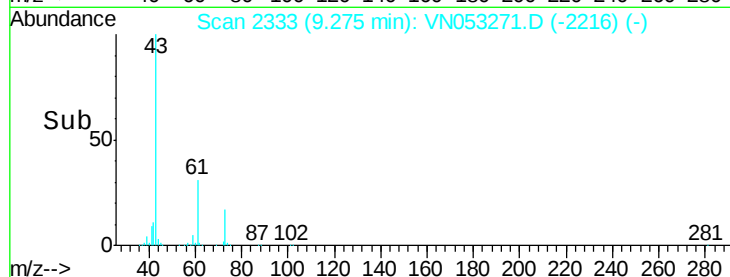
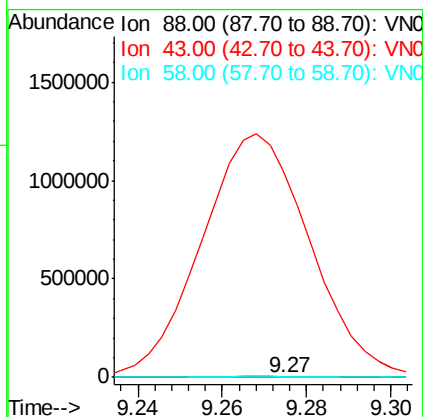
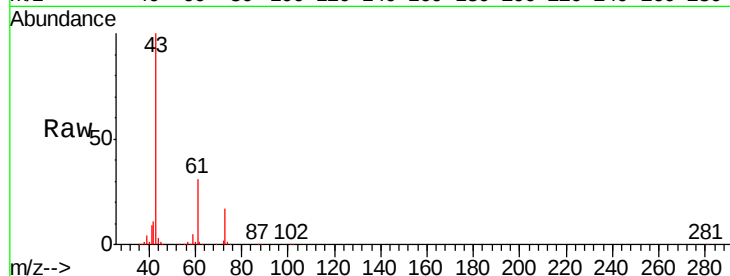




#49
1,4-Dioxane
Concen: 2.847 ug/l
RT: 9.27 min Scan# 2333
Delta R.T. 0.08 min
Lab File: VN053271.D
Acq: 3 Jan 2019 19:11

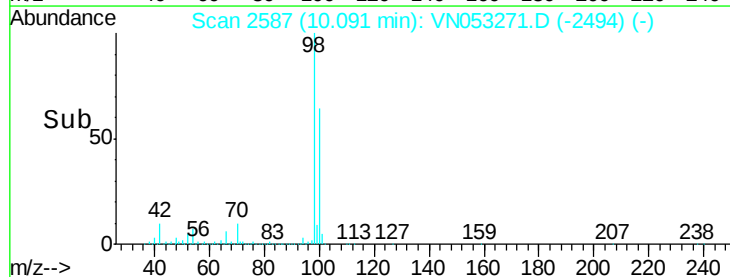
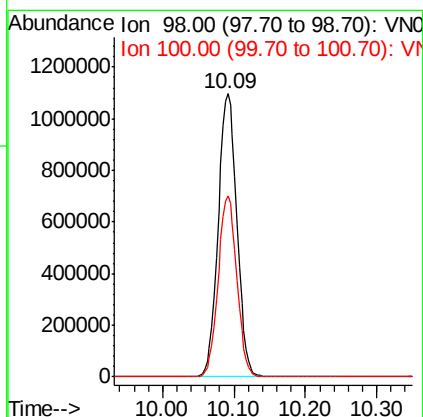
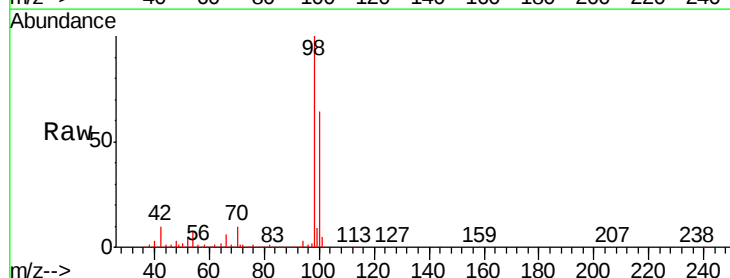
Instrument :
MSVOA_N
ClientSampleId :
TR-04-010219

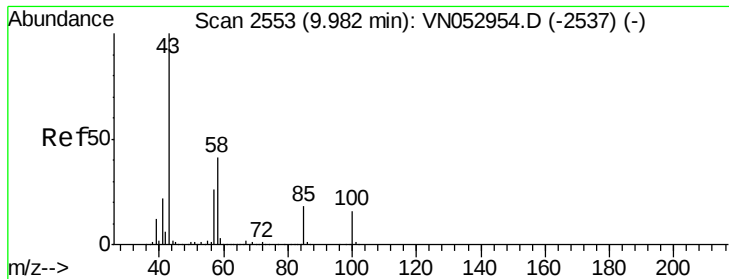
Tgt Ion: 88 Resp: 301
Ion Ratio Lower Upper
88 100
43 745698.3 26.6 40.0#
58 3650.5 58.4 87.6#



#50
Toluene-d8
Concen: 2.847 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053271.D
Acq: 3 Jan 2019 19:11

Tgt Ion: 98 Resp: 1990904
Ion Ratio Lower Upper
98 100
100 63.7 51.6 77.4

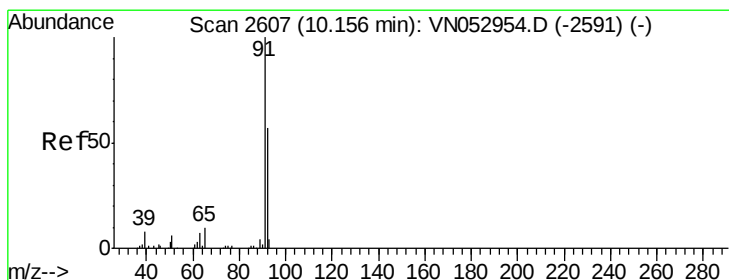
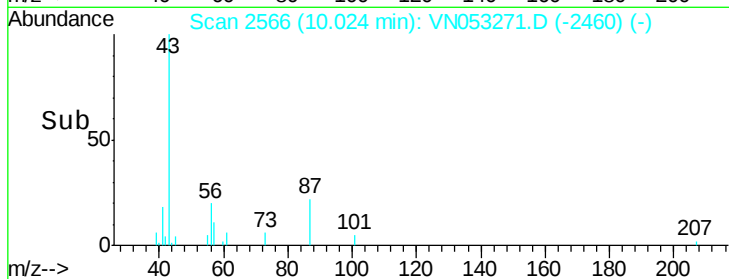
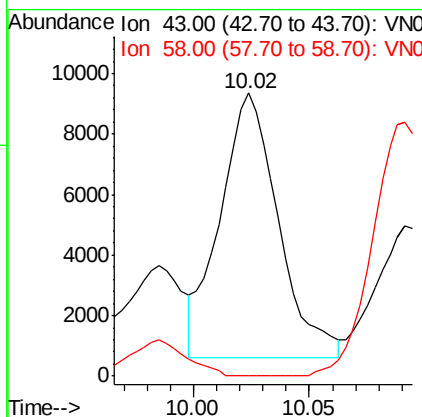
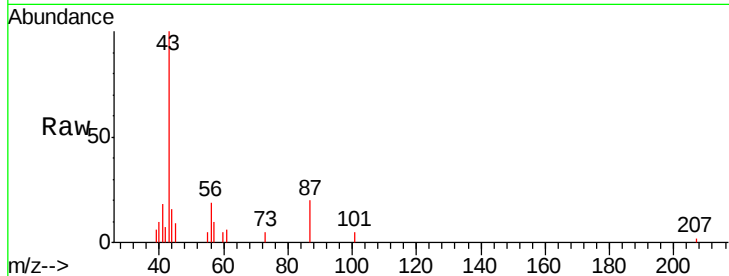




#51
 4-Methyl-2-Pentanone
 Concen: 1.830 ug/l
 RT: 10.02 min Scan# 2566
 Delta R.T. 0.04 min
 Lab File: VN053271.D
 Acq: 3 Jan 2019 19:11

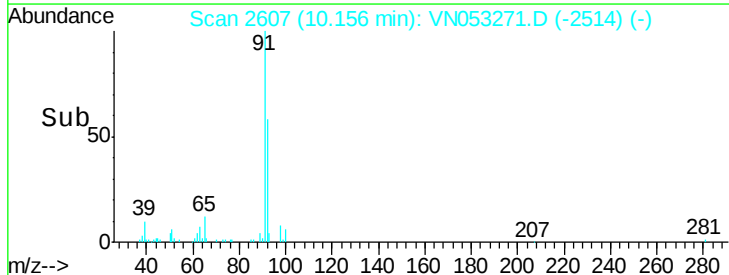
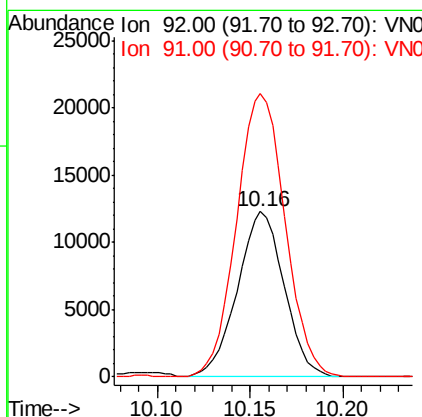
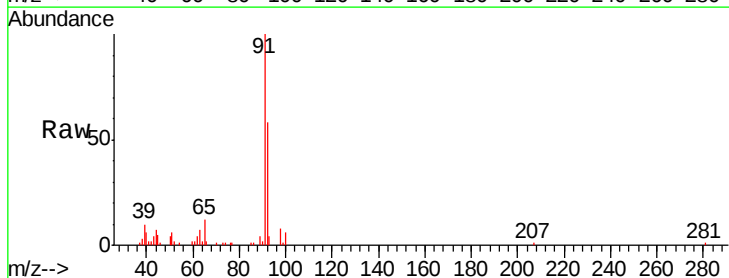
Instrument :
 MSVOA_N
 ClientSampleId :
 TR-04-010219

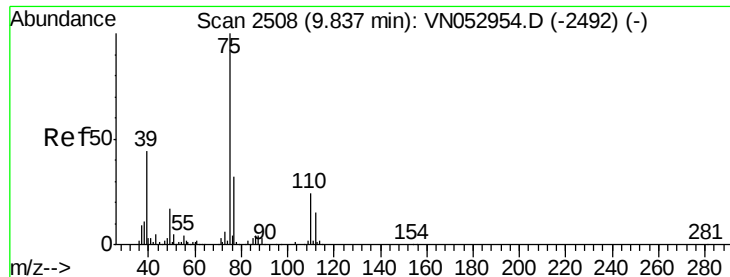
Tgt Ion: 43 Resp: 15263
 Ion Ratio Lower Upper
 43 100
 58 0.0 32.2 48.4#



#52
 Toluene
 Concen: 0.755 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN053271.D
 Acq: 3 Jan 2019 19:11

Tgt Ion: 92 Resp: 21480
 Ion Ratio Lower Upper
 92 100
 91 178.0 139.8 209.6





#54

cis-1,3-Dichloropropene

Concen: 5.393 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN053271.D

Acq: 3 Jan 2019 19:11

Instrument :

MSVOA_N

ClientSampleId :

TR-04-010219

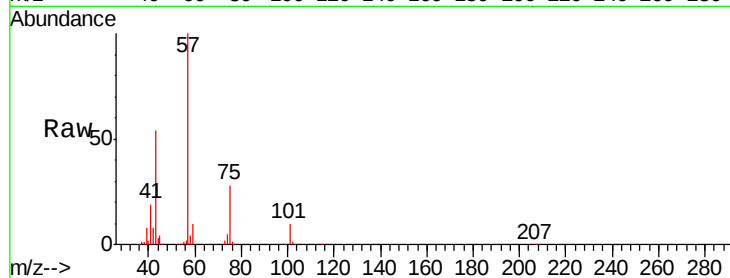
Tgt Ion: 75 Resp: 96351

Ion Ratio Lower Upper

75 100

77 0.6 25.8 38.8#

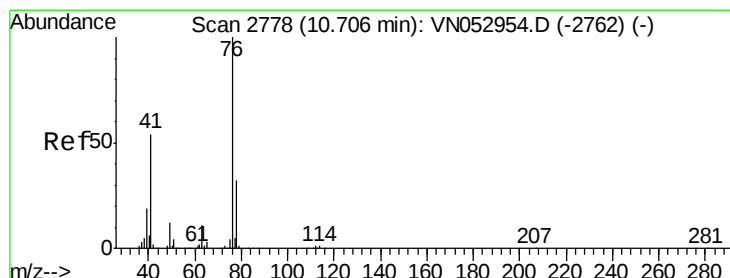
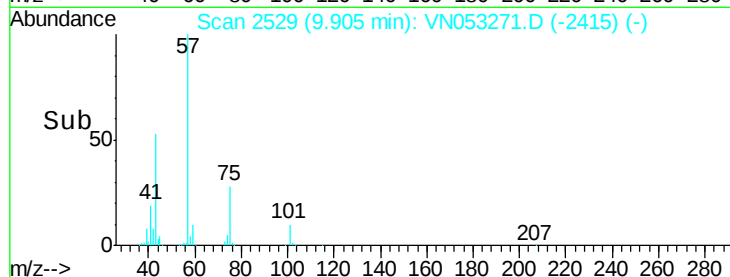
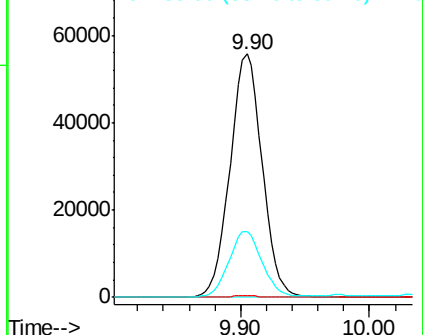
39 27.2 34.8 52.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 1.182 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN053271.D

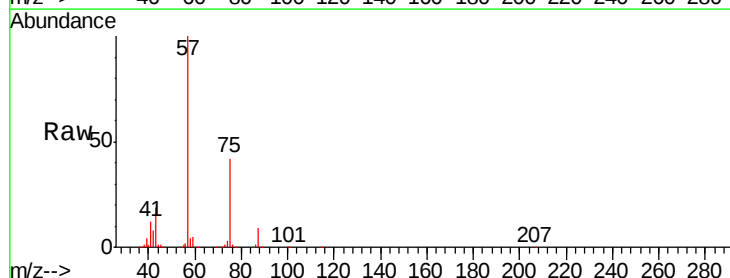
Acq: 3 Jan 2019 19:11

Tgt Ion: 76 Resp: 20110

Ion Ratio Lower Upper

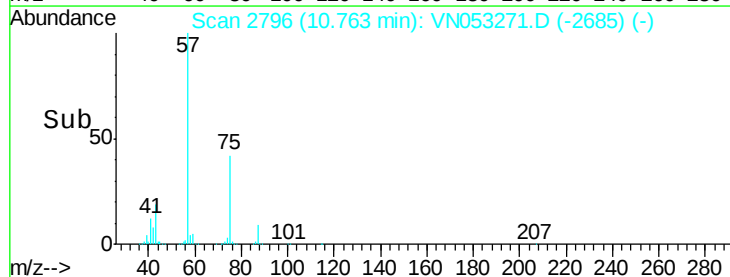
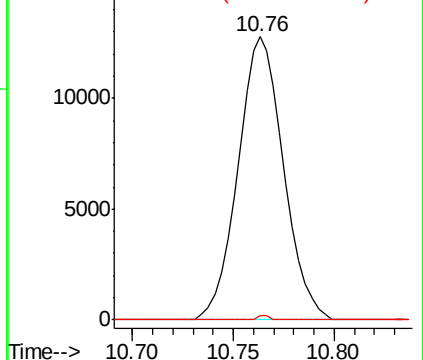
76 100

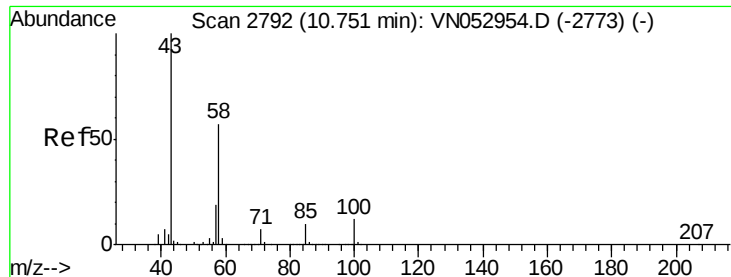
78 0.3 25.8 38.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

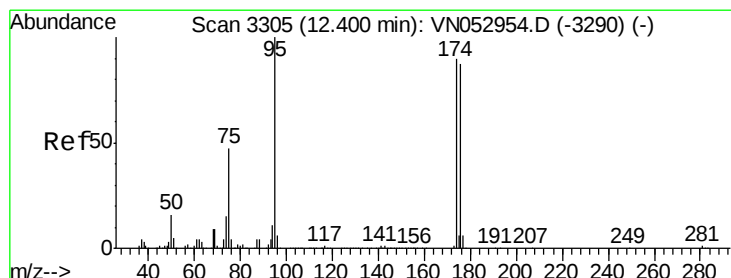
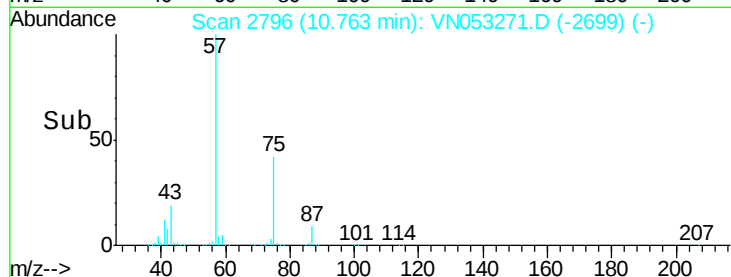
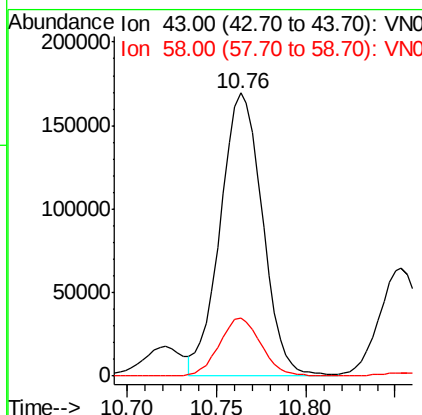
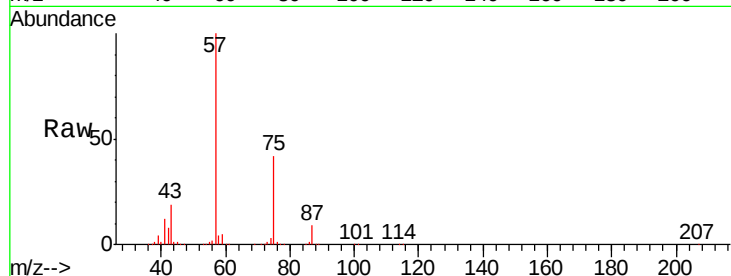




#59
2-Hexanone
Concen: 49.026 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053271.D
Acq: 3 Jan 2019 19:11

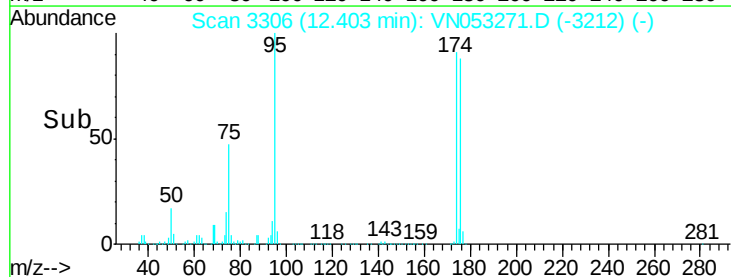
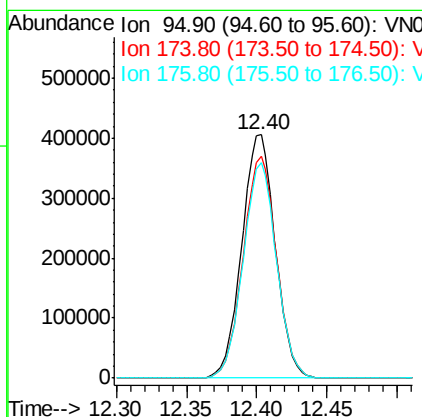
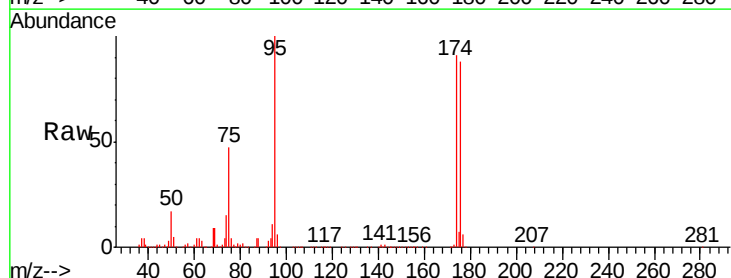
Instrument :
MSVOA_N
ClientSampleId :
TR-04-010219

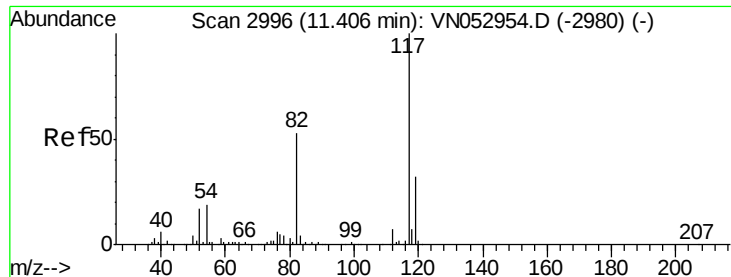
Tgt Ion: 43 Resp: 276652
Ion Ratio Lower Upper
43 100
58 20.6 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053271.D
Acq: 3 Jan 2019 19:11

Tgt Ion: 95 Resp: 675355
Ion Ratio Lower Upper
95 100
174 90.7 0.0 178.8
176 88.1 0.0 173.8

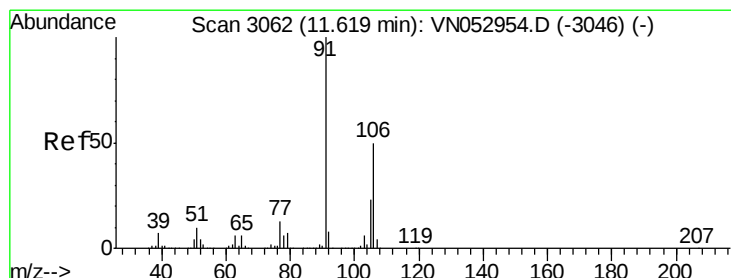
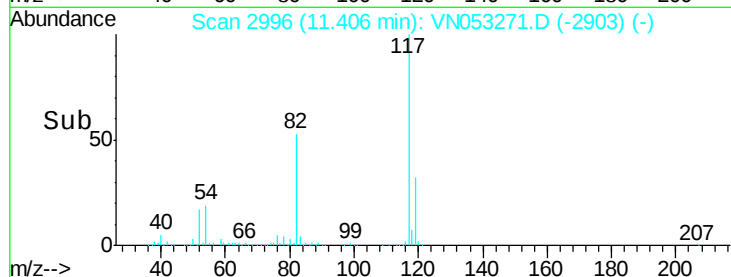
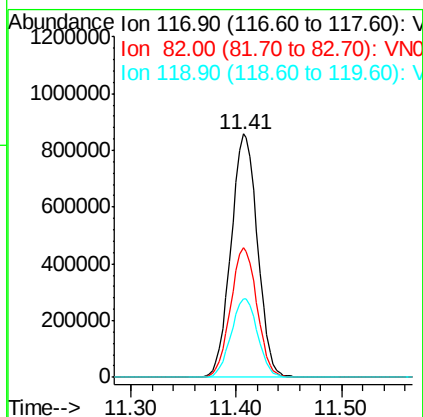
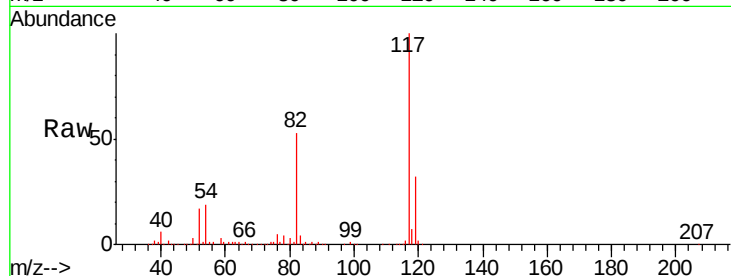




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053271.D
Acq: 3 Jan 2019 19:11

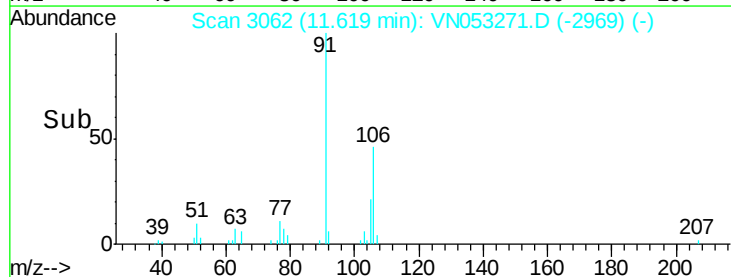
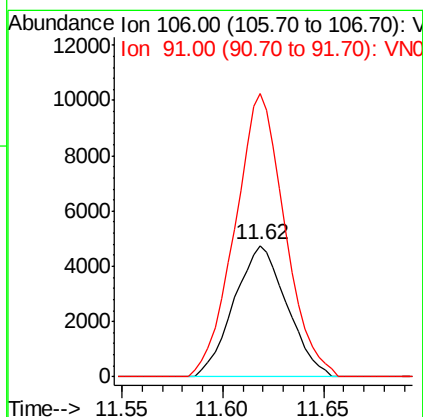
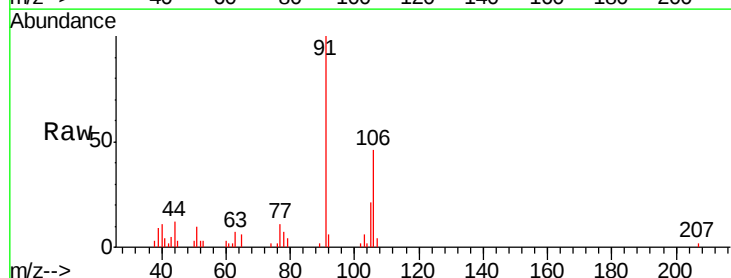
Instrument :
MSVOA_N
ClientSampleId :
TR-04-010219

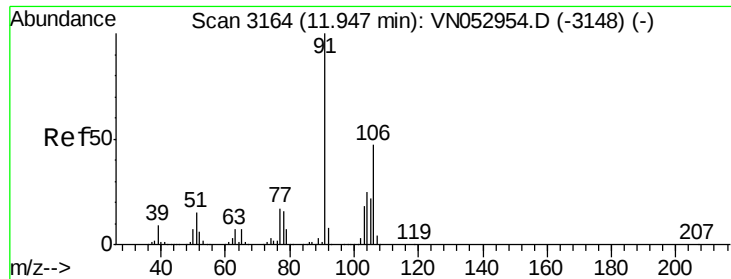
Tgt Ion:117 Resp: 1488692
Ion Ratio Lower Upper
117 100
82 53.2 42.8 64.2
119 32.4 25.5 38.3



#68
m/p-Xylenes
Concen: 0.403 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053271.D
Acq: 3 Jan 2019 19:11

Tgt Ion:106 Resp: 8689
Ion Ratio Lower Upper
106 100
91 204.0 162.2 243.4

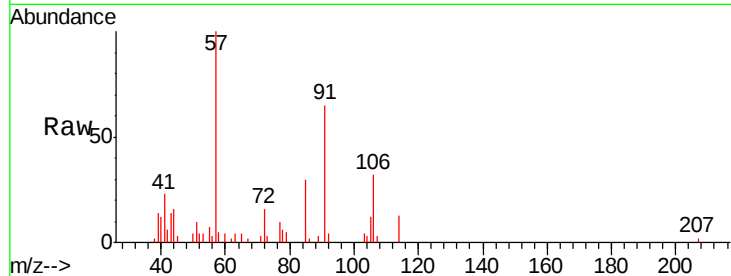




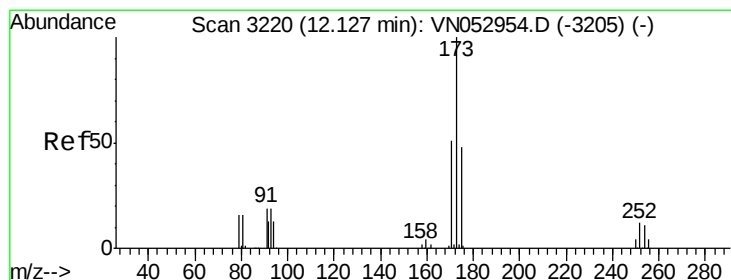
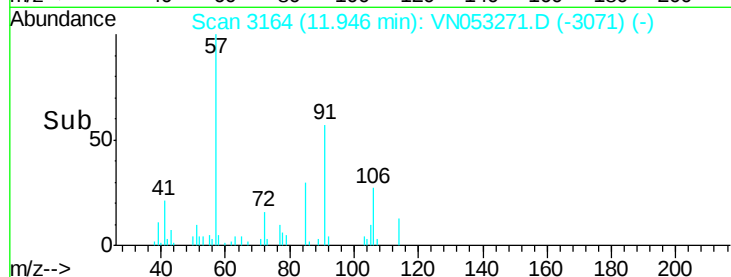
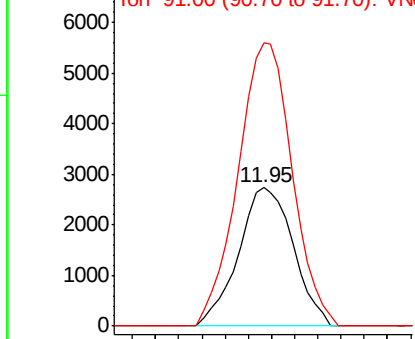
#69
o-Xylene
Concen: 0.217 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN053271.D
Acq: 3 Jan 2019 19:11

Instrument :
MSVOA_N
ClientSampleId :
TR-04-010219

Tgt Ion:106 Resp: 4491
Ion Ratio Lower Upper
106 100
91 202.2 106.6 319.8

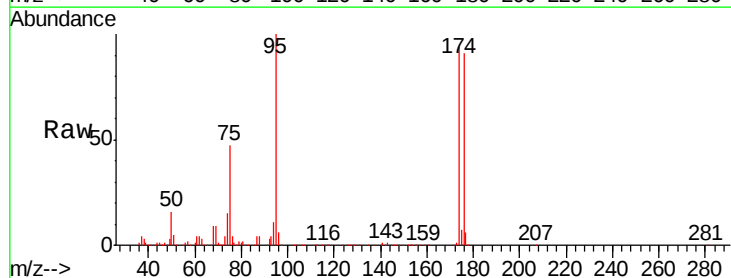


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

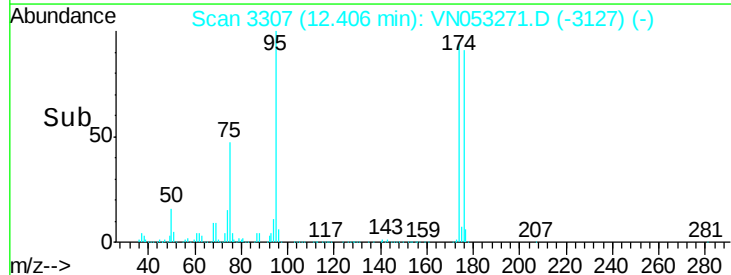
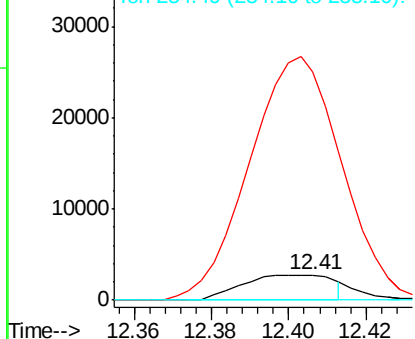


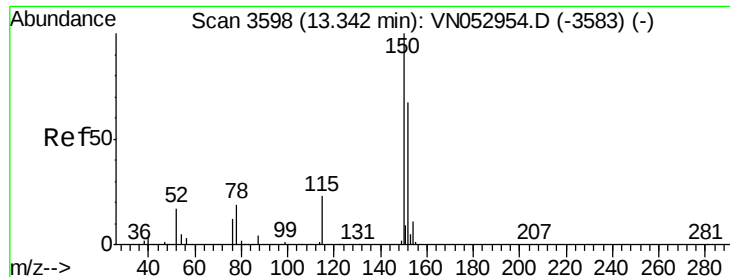
#71
Bromoform
Concen: 0.544 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.28 min
Lab File: VN053271.D
Acq: 3 Jan 2019 19:11

Tgt Ion:173 Resp: 4507
Ion Ratio Lower Upper
173 100
175 859.0 24.3 72.9#
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053271.D

Acq: 3 Jan 2019 19:11

Instrument :

MSVOA_N

ClientSampleId :

TR-04-010219

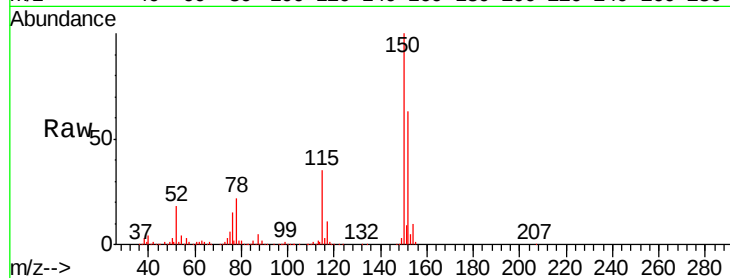
Tgt Ion:152 Resp: 633610

Ion Ratio Lower Upper

152 100

115 55.6 28.3 85.0

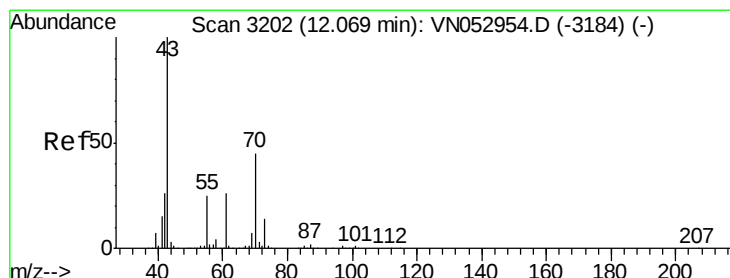
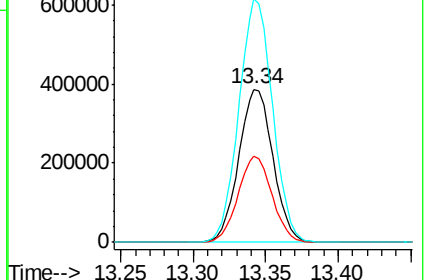
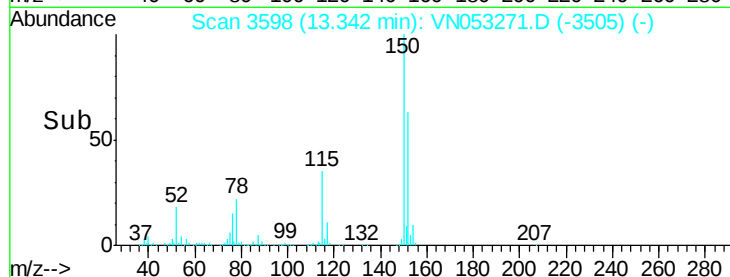
150 156.9 0.0 347.8



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: 0.219 ug/l

RT: 12.03 min Scan# 3191

Delta R.T. -0.04 min

Lab File: VN053271.D

Acq: 3 Jan 2019 19:11

Tgt Ion: 43 Resp: 3014

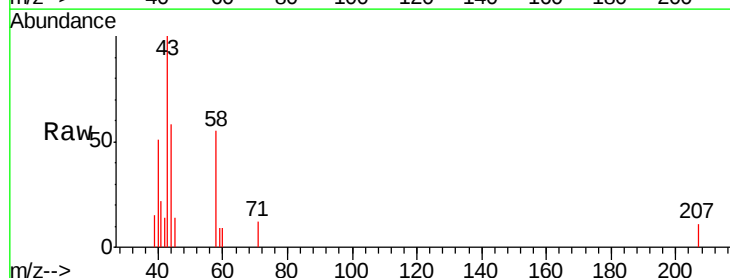
Ion Ratio Lower Upper

43 100

70 0.0 34.2 51.4#

55 3.3 20.3 30.5#

61 0.0 20.0 30.0#

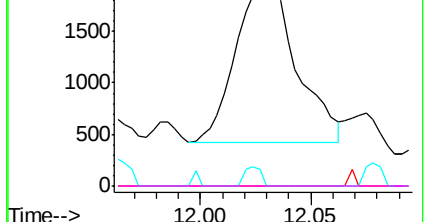
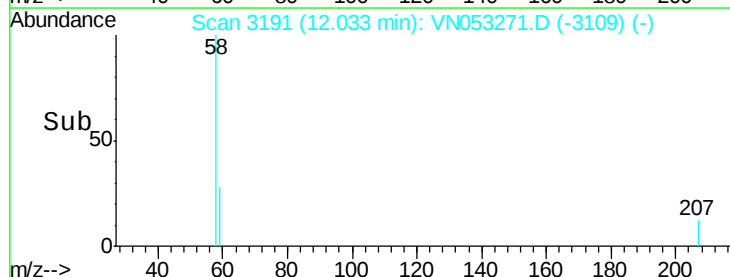


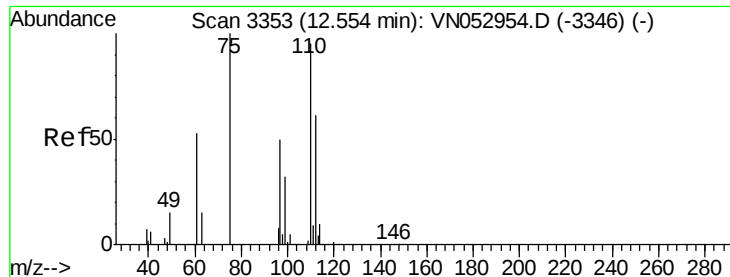
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 29.725 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053271.D

Acq: 3 Jan 2019 19:11

Instrument :

MSVOA_N

ClientSampled :

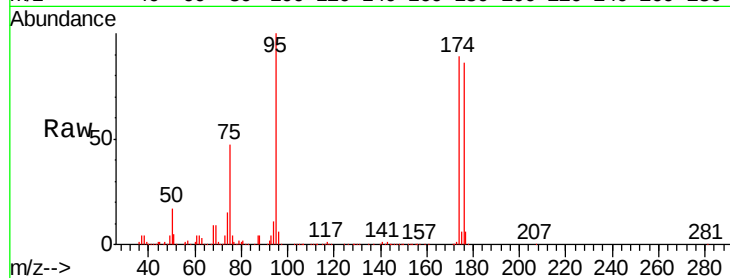
TR-04-010219

Tgt Ion: 75 Resp: 317052

Ion Ratio Lower Upper

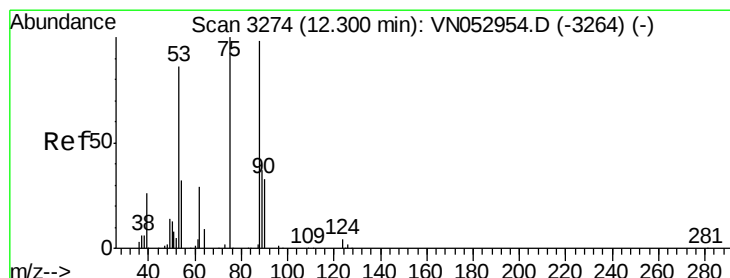
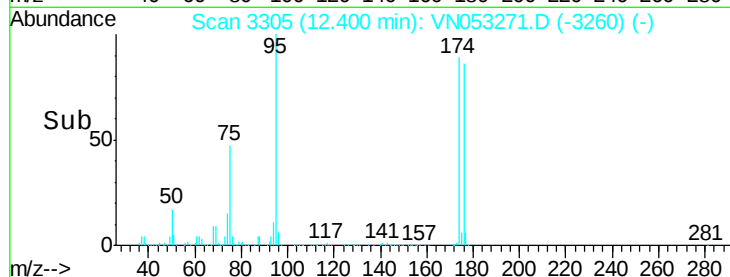
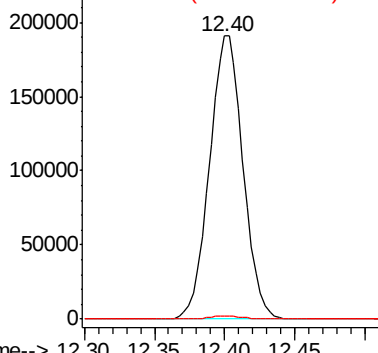
75 100

77 1.2 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: 95.807 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053271.D

Acq: 3 Jan 2019 19:11

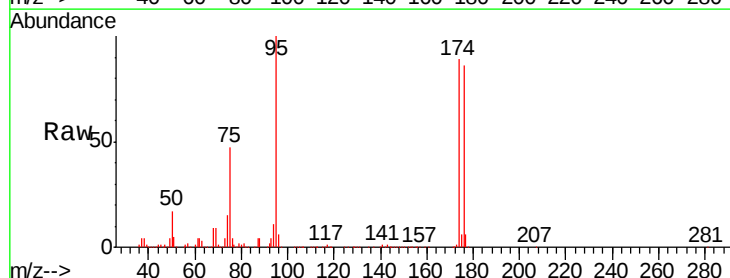
Tgt Ion: 75 Resp: 317052

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

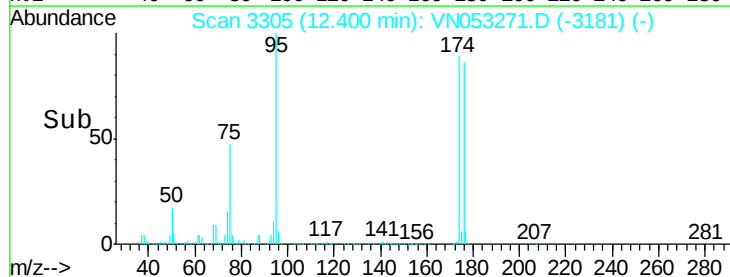
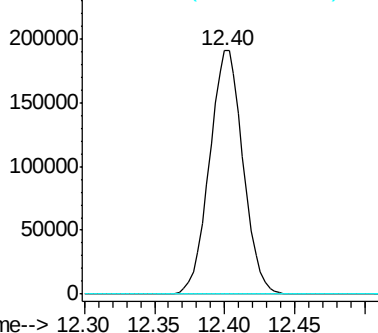
89 0.0 36.1 54.1#

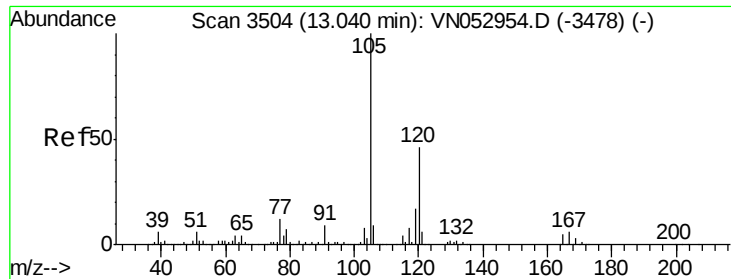


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#84

1,2,4-Trimethylbenzene

Concen: 0.346 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN053271.D

Acq: 3 Jan 2019 19:11

Instrument :

MSVOA_N

ClientSampleId :

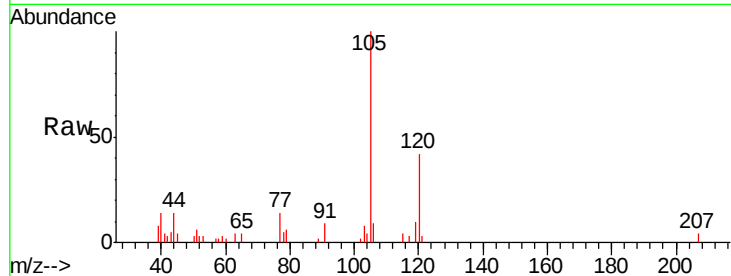
TR-04-010219

Tgt Ion:105 Resp: 14051

Ion Ratio Lower Upper

105 100

120 43.4 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.04

8000

6000

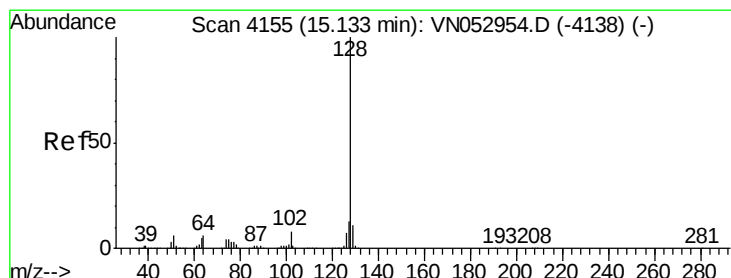
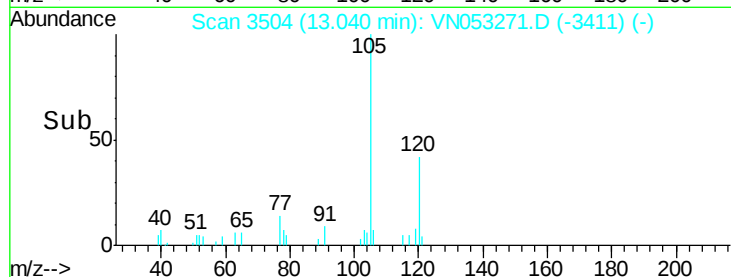
4000

2000

0

13.00 13.05 13.10

Time-->



#95

Naphthalene

Concen: 1.862 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN053271.D

Acq: 3 Jan 2019 19:11

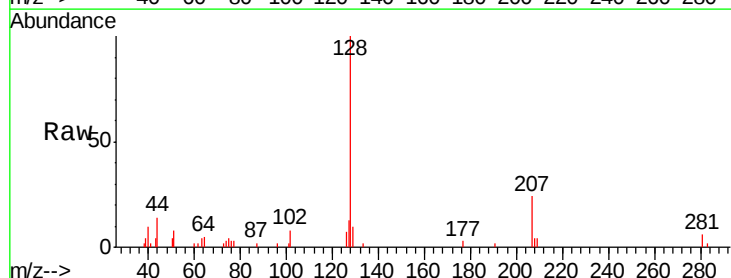
Tgt Ion:128 Resp: 18233

Ion Ratio Lower Upper

128 100

127 12.2 10.2 15.4

129 10.1 8.6 13.0



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

15.14

10000

5000

0

15.10 15.15 15.20

Time-->

