

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041619\
 Data File : VN055082.D
 Acq On : 16 Apr 2019 16:53
 Operator : JC/SP
 Sample : K2422-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP1-S

Quant Time: Apr 17 01:39:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	507833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	825107	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	687233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	225703	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	328591	48.68	ug/l	0.00
Spiked Amount			Recovery	=	97.36%	
35) Dibromofluoromethane	7.59	113	263000	47.69	ug/l	0.00
Spiked Amount			Recovery	=	95.38%	
50) Toluene-d8	10.09	98	975867	49.45	ug/l	0.00
Spiked Amount			Recovery	=	98.90%	
62) 4-Bromofluorobenzene	12.40	95	285091	44.43	ug/l	0.00
Spiked Amount			Recovery	=	88.86%	

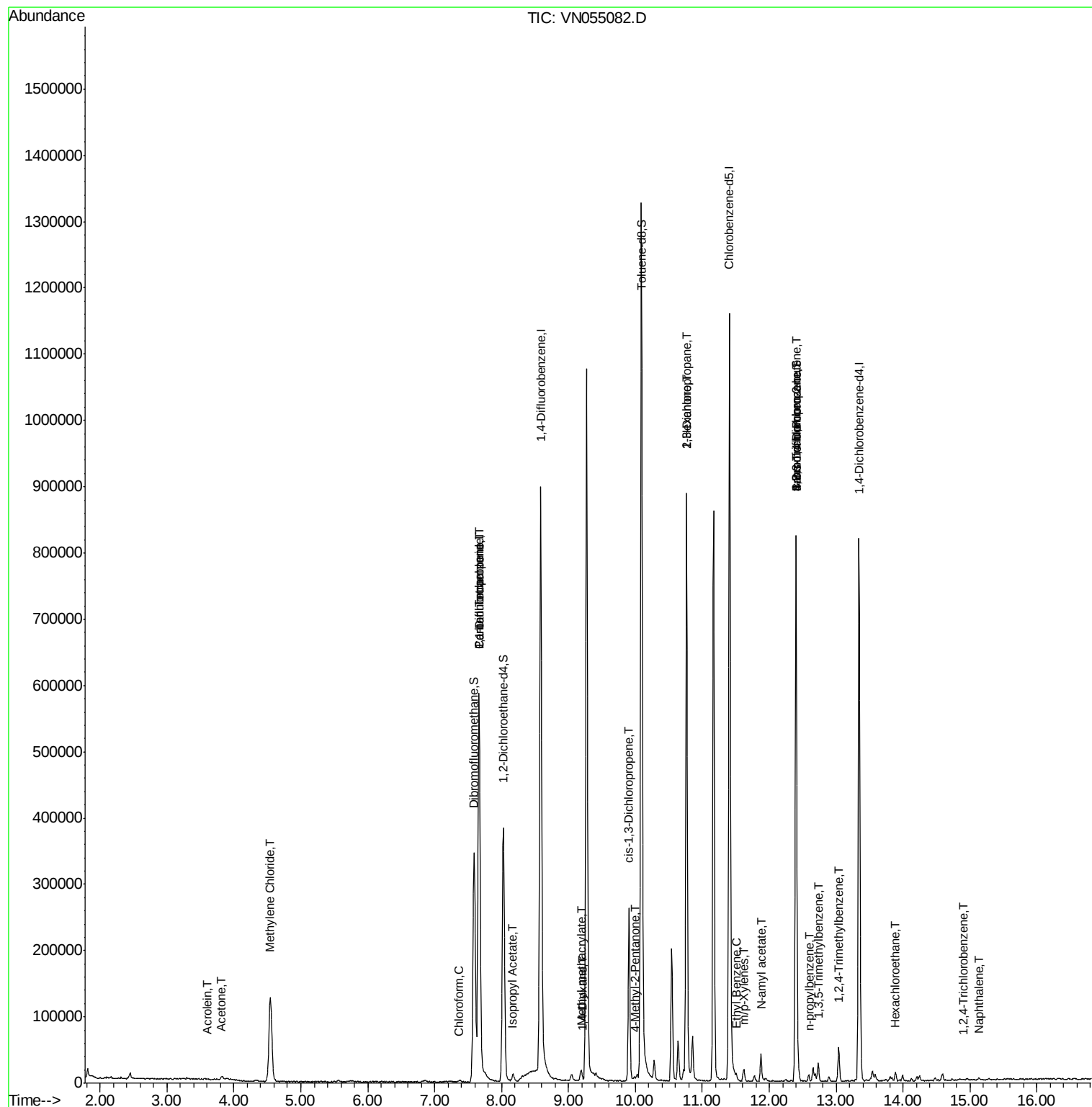
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.61	56	206	0.450	ug/l	84
16) Acetone	3.82	43	8545	4.664	ug/l	94
18) Methyl Acetate	4.32	43	1401	Below Cal	#	90
20) Methylene Chloride	4.54	84	89698	13.927	ug/l	95
30) Chloroform	7.38	83	3173	0.302	ug/l	98
31) Cyclohexane	7.65	56	11020	Below Cal	#	11
36) 1,1-Dichloropropene	7.66	75	39635	5.096	ug/l	# 48
38) Carbon Tetrachloride	7.67	117	45596	6.161	ug/l	# 16
43) Isopropyl Acetate	8.17	43	12789	1.311	ug/l	98
48) Methyl methacrylate	9.19	41	6224	1.287	ug/l	# 17
49) 1,4-Dioxane	9.22	88	103	2.273	ug/l	# 19
51) 4-Methyl-2-Pentanone	9.99	43	4302	0.763	ug/l	# 83
54) cis-1,3-Dichloropropene	9.90	75	43578	5.237	ug/l	# 64
57) 1,3-Dichloropropane	10.76	76	8762	0.995	ug/l	# 43
59) 2-Hexanone	10.76	43	141152	39.867	ug/l	# 53
67) Ethyl Benzene	11.51	91	5833	0.236	ug/l	95
68) m/p-Xylenes	11.62	106	5646	0.631	ug/l	99
71) Bromoform	12.40	173	1607	0.551	ug/l	# 1
74) N-amyl acetate	11.87	43	14259	2.529	ug/l	# 55
76) 1,2,3-Trichloropropane	12.40	75	147639	36.376	ug/l	# 100
78) n-propylbenzene	12.59	91	8485	0.392	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	13300	0.823	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	147639	145.462	ug/l	# 2
84) 1,2,4-Trimethylbenzene	13.04	105	29641	1.935	ug/l	98
90) Hexachloroethane	13.89	117	941	0.388	ug/l	# 6
93) 1,2,4-Trichlorobenzene	14.91	180	451	2.800	ug/l	# 37
95) Naphthalene	15.13	128	2492	3.369	ug/l	# 86

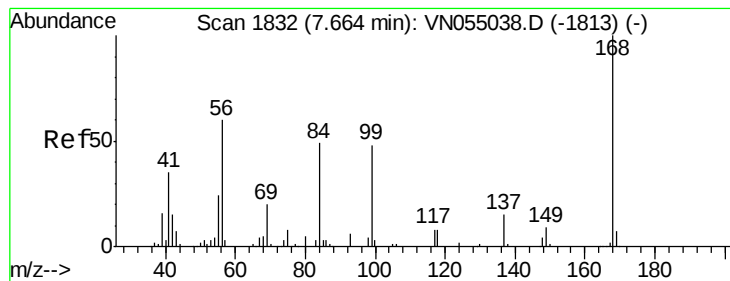
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 15 12:28:28 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN055082.D

Acq: 16 Apr 2019 16:53

Instrument :

MSVOA_N

ClientSampled :

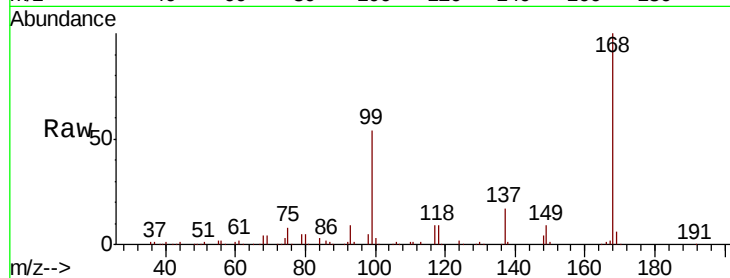
TP1-S

Tot Ion:168 Resp: 507833

Ion Ratio Lower Upper

168 100

99 54.2 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): VN055082.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN055082.D (-1739) (-)

7.66

200000

150000

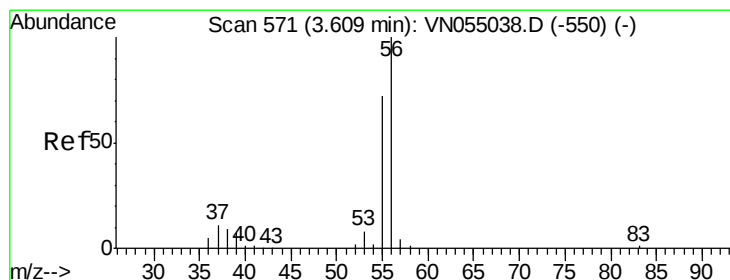
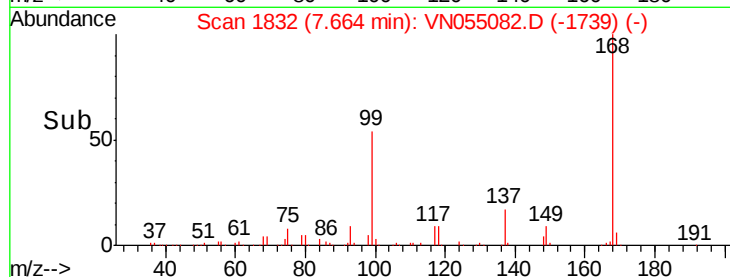
100000

50000

0

7.60 7.70 7.80

Time-->



#13

Acrolein

Concen: 0.450 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN055082.D

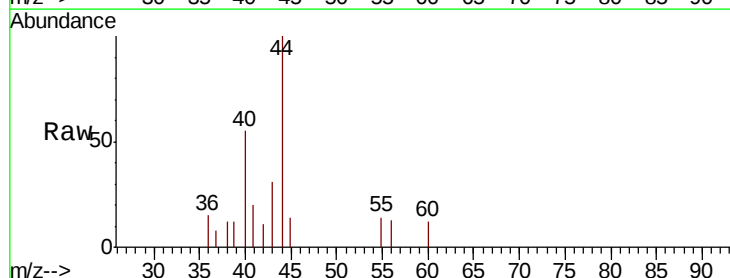
Acq: 16 Apr 2019 16:53

Tgt Ion: 56 Resp: 206

Ion Ratio Lower Upper

56 100

55 60.7 59.5 89.3



Abundance Ion 56.00 (55.70 to 56.70): VN055082.D (-478) (-)

Ion 55.00 (54.70 to 55.70): VN055082.D (-478) (-)

3.61

300

250

200

150

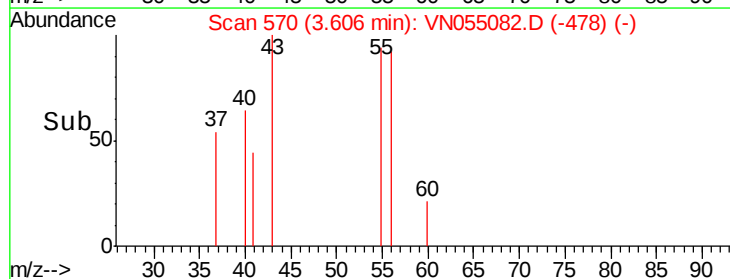
100

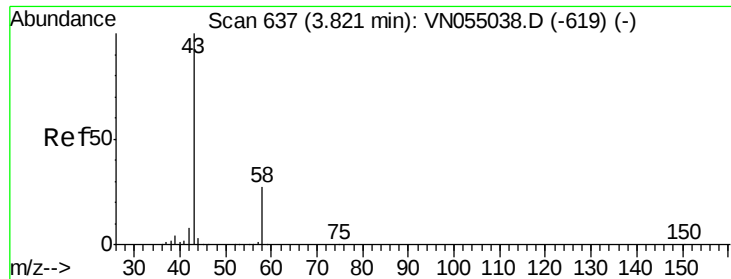
50

0

3.59 3.60 3.61 3.62

Time-->





#16

Acetone

Concen: 4.664 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN055082.D

Acq: 16 Apr 2019 16:53

Instrument :

MSVOA_N

ClientSampleId :

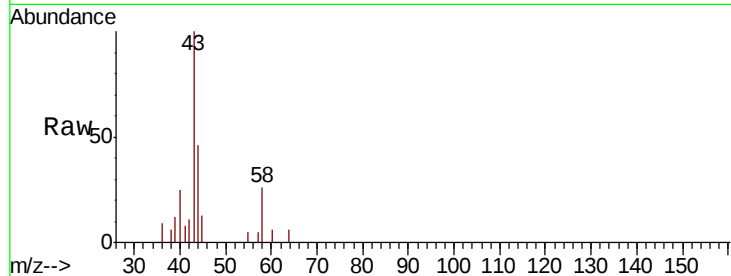
TP1-S

Tot Ion: 43 Resp: 8545

Ion Ratio Lower Upper

43 100

58 29.2 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VN055038.D (-619) (-)

Ion 58.00 (57.70 to 58.70): VN055038.D (-619) (-)

3.82

4000

3000

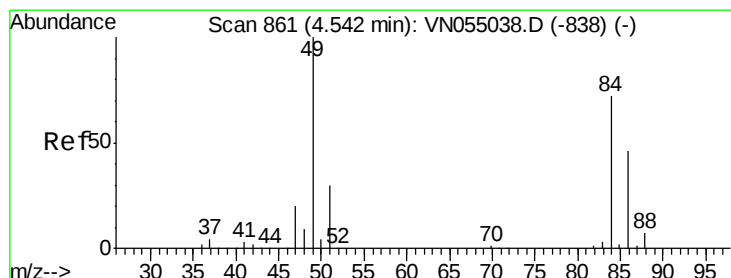
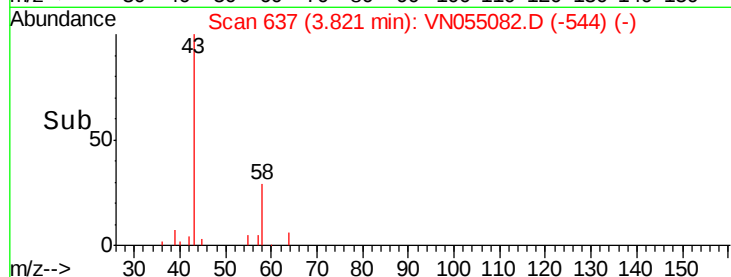
2000

1000

0

Time-->

3.75 3.80 3.85 3.90



#20

Methylene Chloride

Concen: 13.927 ug/l

RT: 4.54 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN055082.D

Acq: 16 Apr 2019 16:53

Tgt Ion: 84 Resp: 89698

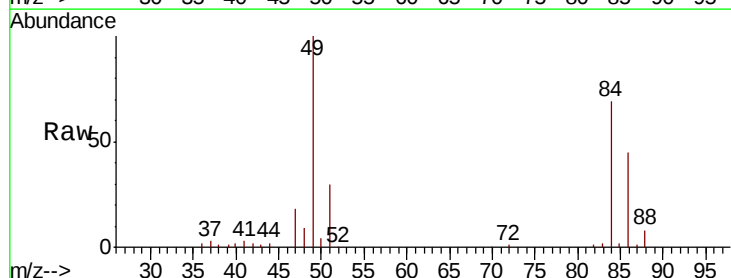
Ion Ratio Lower Upper

84 100

49 143.8 109.4 164.2

51 43.0 32.2 48.4

86 64.9 49.3 73.9



Abundance Ion 83.90 (83.60 to 84.60): VN055038.D (-838) (-)

Ion 48.90 (48.60 to 49.60): VN055038.D (-838) (-)

Ion 50.90 (50.60 to 51.60): VN055038.D (-838) (-)

Ion 85.90 (85.60 to 86.60): VN055038.D (-838) (-)

60000

50000

40000

30000

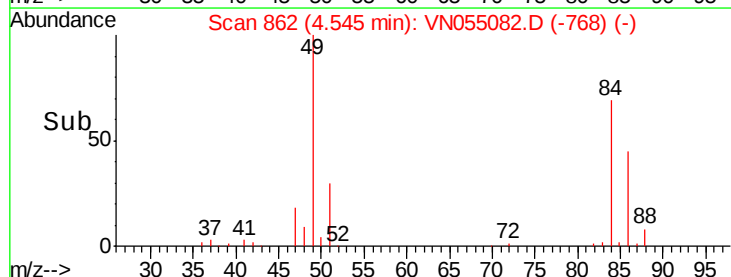
20000

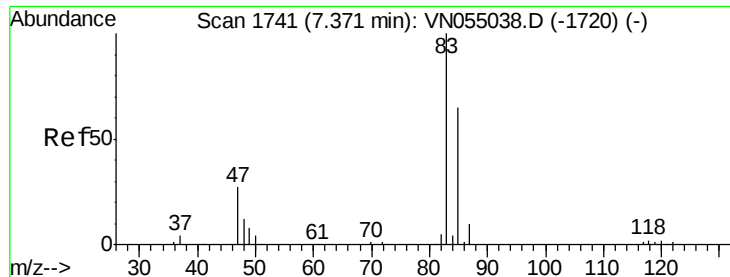
10000

0

Time-->

4.40 4.50 4.60 4.70

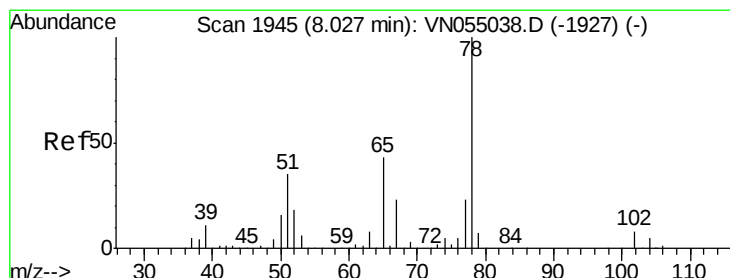
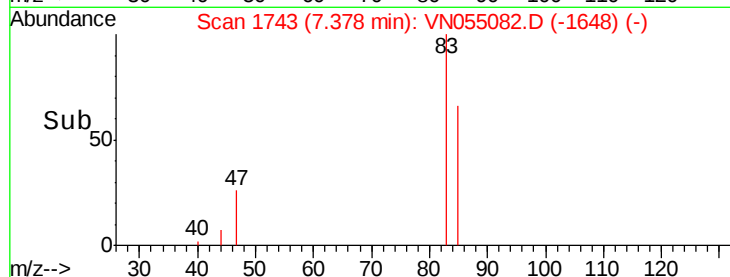
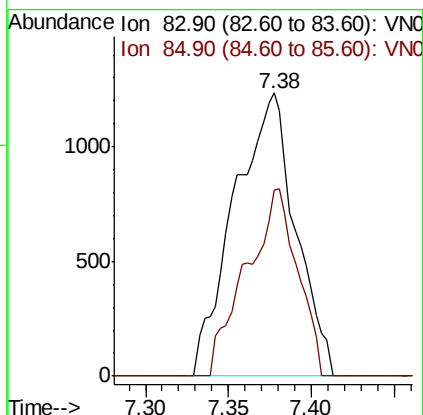
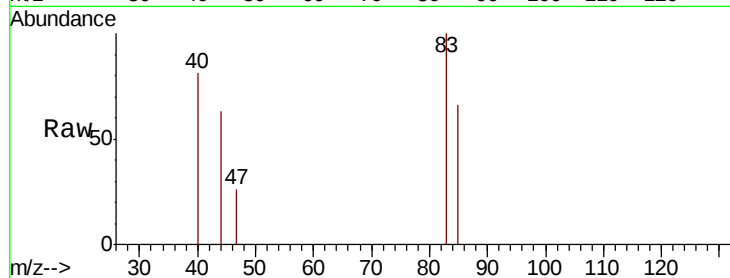




#30
Chloroform
Concen: 0.302 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.01 min
Lab File: VN055082.D
Acq: 16 Apr 2019 16:53

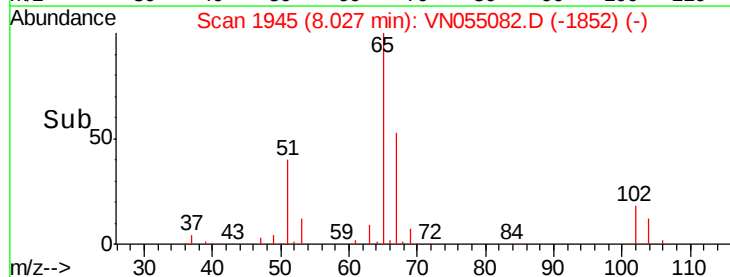
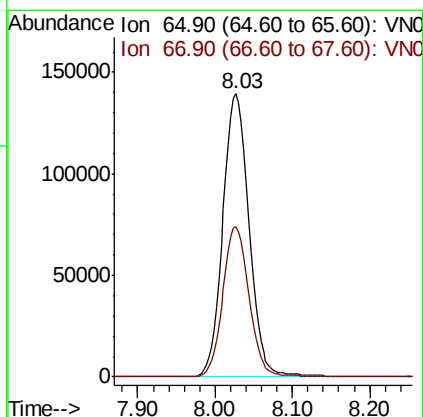
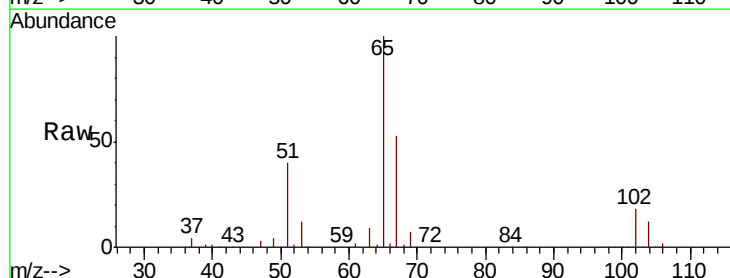
Instrument :
MSVOA_N
ClientSampled :
TP1-S

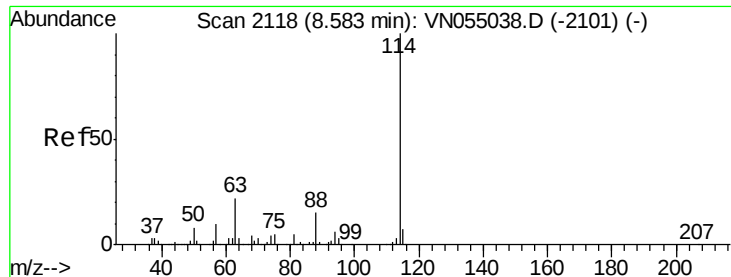
Tot Ion: 83 Resp: 3173
Ion Ratio Lower Upper
83 100
85 65.9 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 48.678 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN055082.D
Acq: 16 Apr 2019 16:53

Tgt Ion: 65 Resp: 328591
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.4

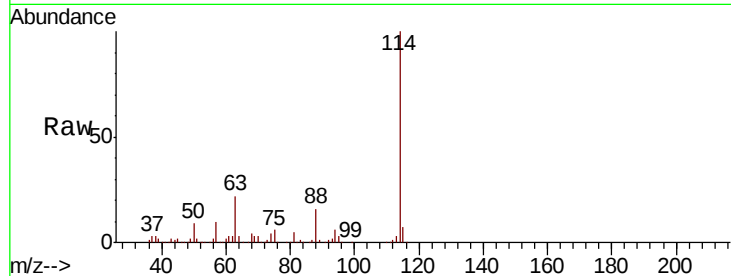




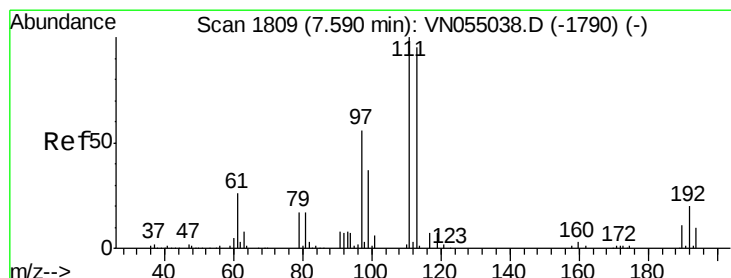
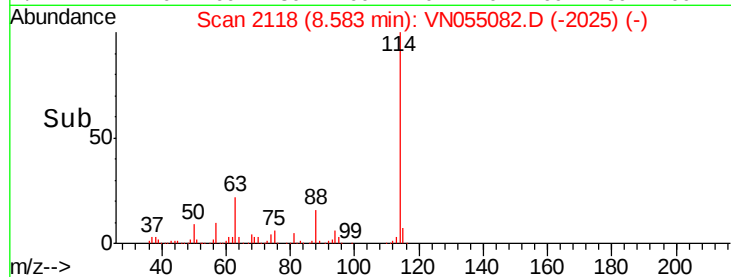
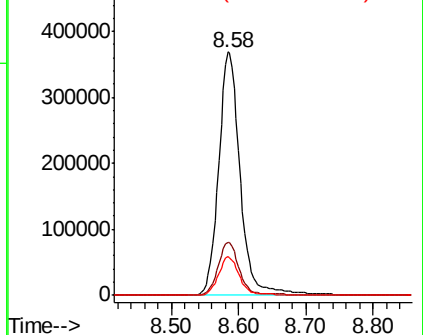
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN055082.D
 Acq: 16 Apr 2019 16:53

Instrument :
 MSVOA_N
 ClientSampleId :
 TP1-S

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	45.2
88	16.0	0.0	31.8

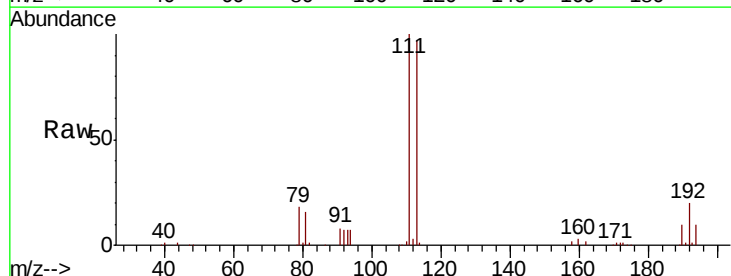


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

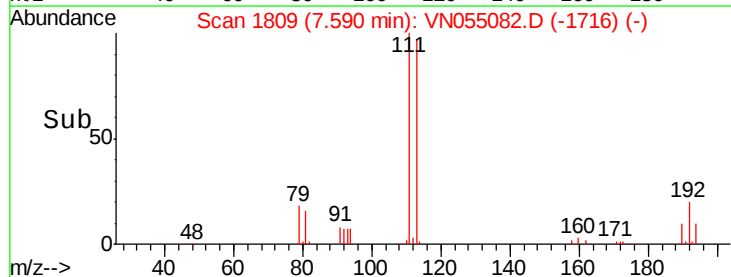
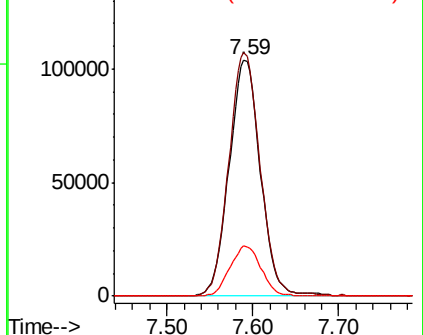


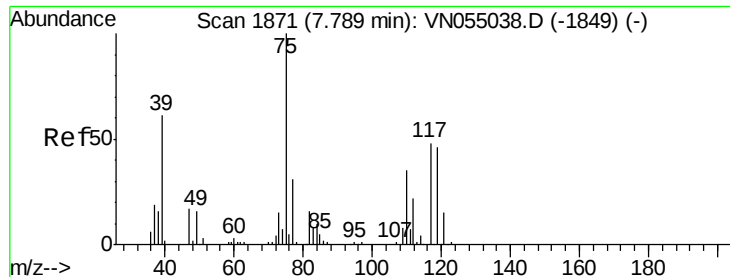
#35
 Dibromofluoromethane
 Concen: 47.695 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055082.D
 Acq: 16 Apr 2019 16:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.1	123.1
192	21.2	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: 5.096 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.13 min

Lab File: VN055082.D

Acq: 16 Apr 2019 16:53

Instrument :

MSVOA_N

ClientSampled :

TP1-S

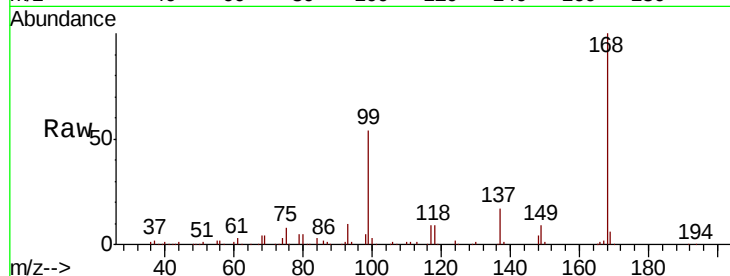
Tot Ion: 75 Resp: 39635

Ion Ratio Lower Upper

75 100

110 6.8 17.5 52.5#

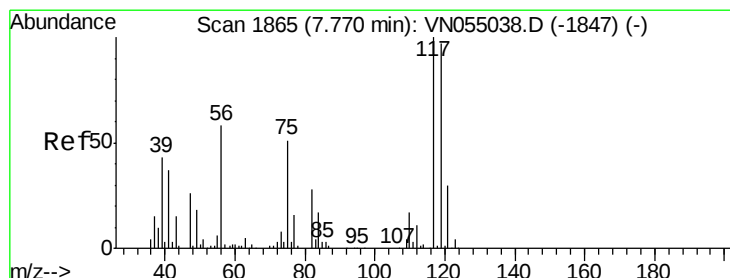
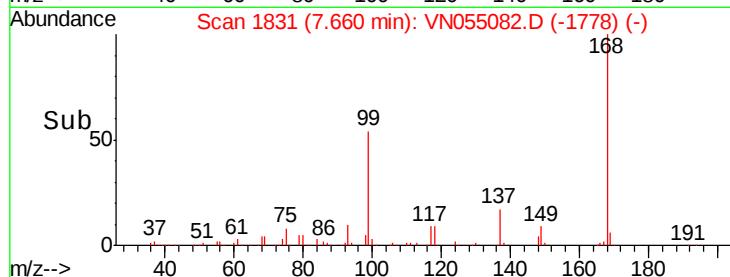
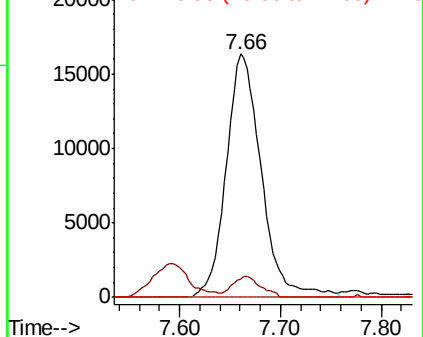
77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0



#38

Carbon Tetrachloride

Concen: 6.161 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.10 min

Lab File: VN055082.D

Acq: 16 Apr 2019 16:53

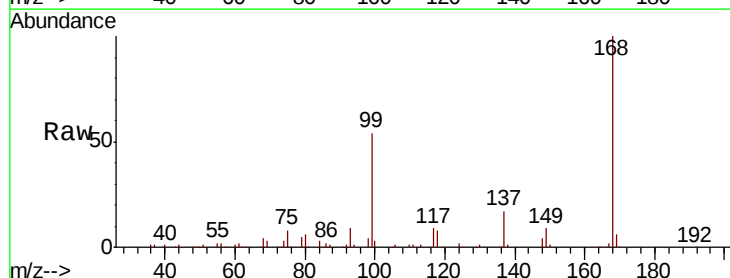
Tgt Ion: 117 Resp: 45596

Ion Ratio Lower Upper

117 100

119 4.2 76.3 114.5#

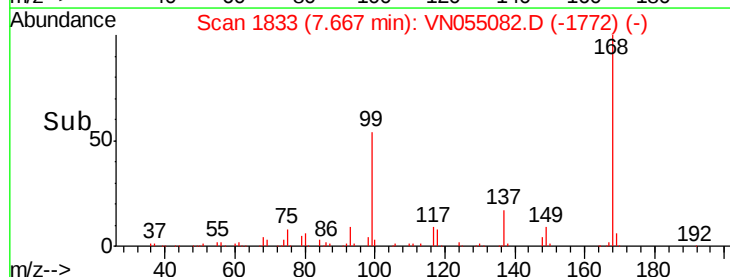
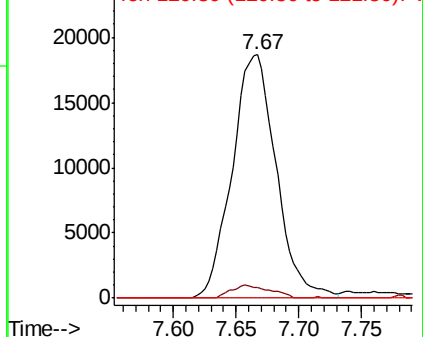
121 0.0 23.9 35.9#

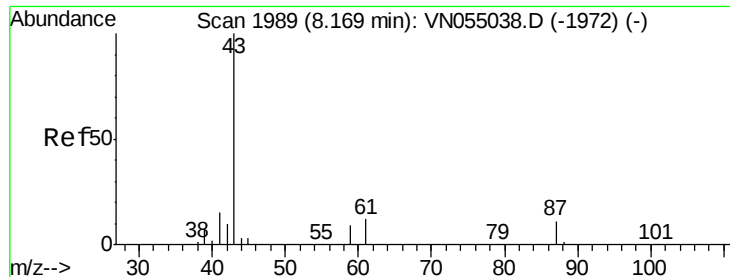


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 1.311 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN055082.D

Acq: 16 Apr 2019 16:53

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ClientSampleId :

TP1-S

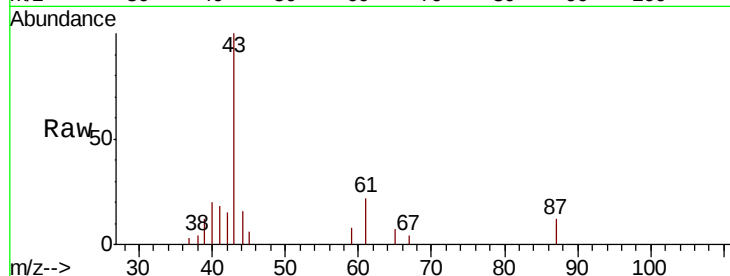
Tot Ion: 43 Resp: 12789

Ion Ratio Lower Upper

43 100

61 18.5 14.3 21.5

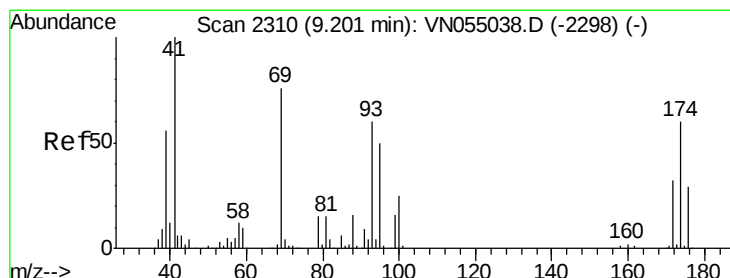
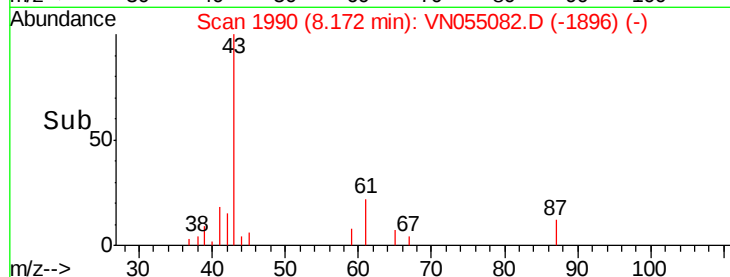
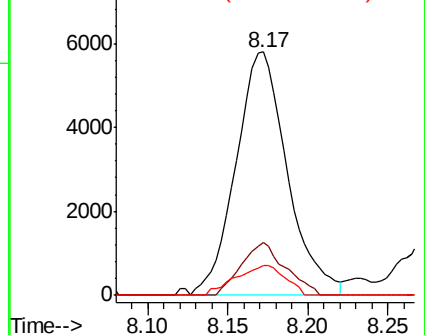
87 11.7 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN055038.D (-1972) (-)

Ion 61.00 (60.70 to 61.70): VN055038.D (-1972) (-)

Ion 87.00 (86.70 to 87.70): VN055038.D (-1972) (-)



#48

Methyl methacrylate

Concen: 1.287 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. -0.01 min

Lab File: VN055082.D

Acq: 16 Apr 2019 16:53

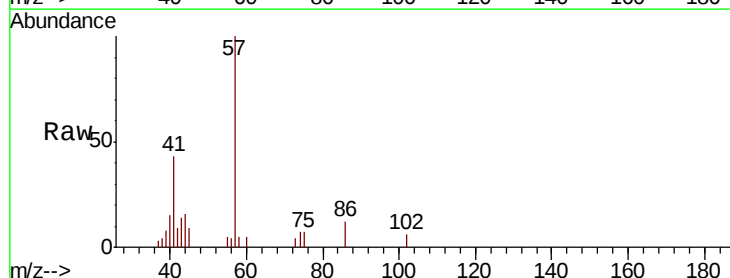
Tgt Ion: 41 Resp: 6224

Ion Ratio Lower Upper

41 100

69 0.0 60.5 90.7#

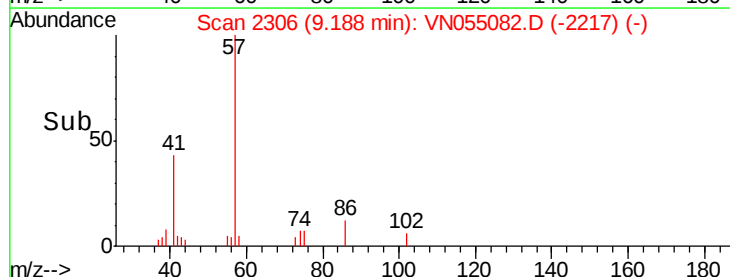
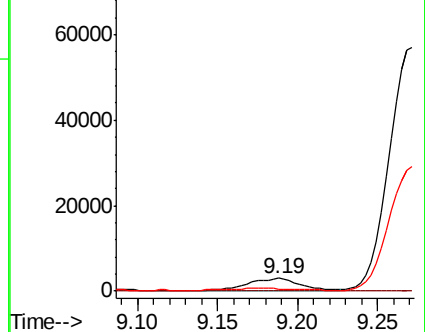
39 0.0 43.9 65.9#

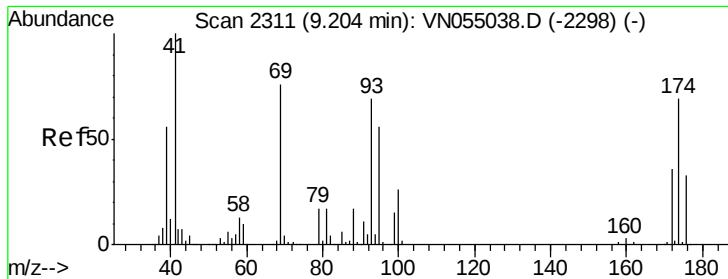


Abundance Ion 41.00 (40.70 to 41.70): VN055038.D (-2298) (-)

Ion 69.00 (68.70 to 69.70): VN055038.D (-2298) (-)

Ion 39.00 (38.70 to 39.70): VN055038.D (-2298) (-)





#49

1,4-Dioxane

Concen: 2.273 ug/l

RT: 9.22 min Scan# 2315

Delta R.T. 0.01 min

Lab File: VN055082.D

Acq: 16 Apr 2019 16:53

Instrument :

MSVOA_N

ClientSampleId :

TP1-S

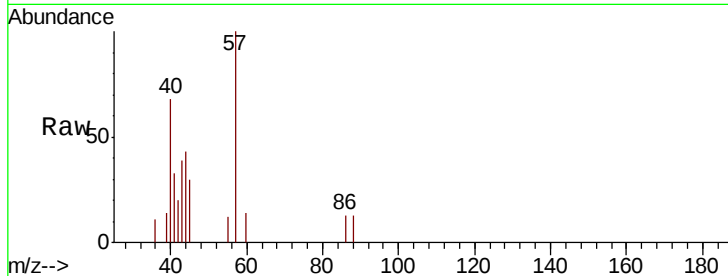
Tot Ion: 88 Resp: 103

Ion Ratio Lower Upper

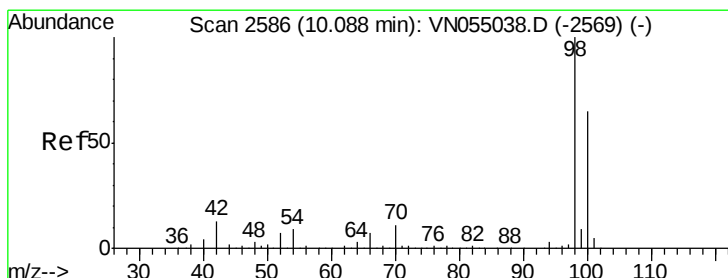
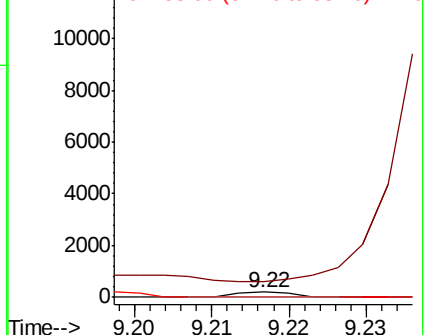
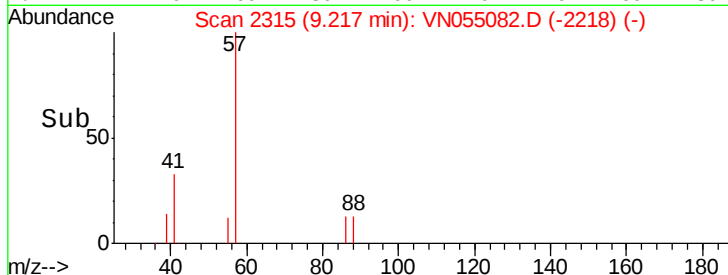
88 100

43 0.0 31.8 47.8#

58 0.0 61.6 92.4#



Abundance Ion 88.00 (87.70 to 88.70): VN055082.D (-2218) (-)



#50

Toluene-d8

Concen: 49.446 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055082.D

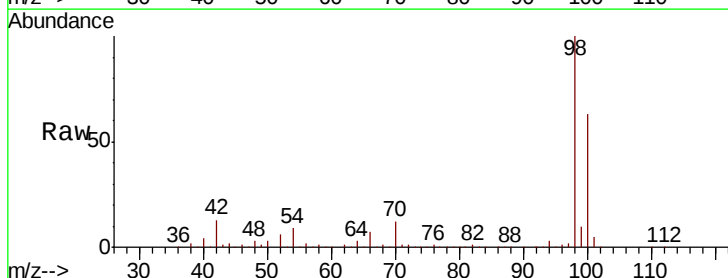
Acq: 16 Apr 2019 16:53

Tgt Ion: 98 Resp: 975867

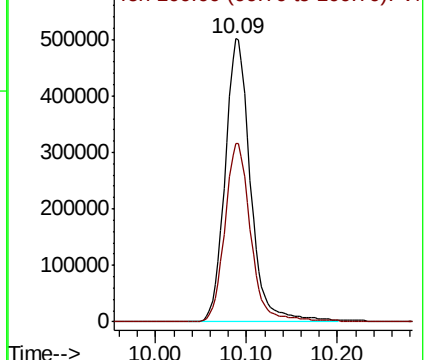
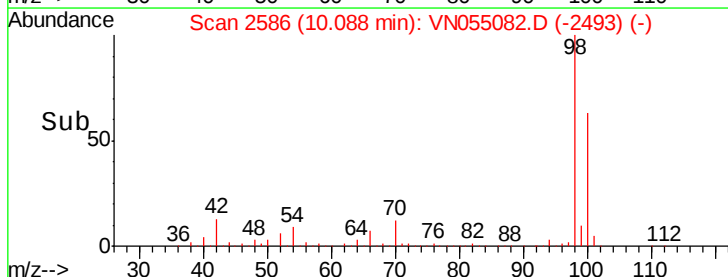
Ion Ratio Lower Upper

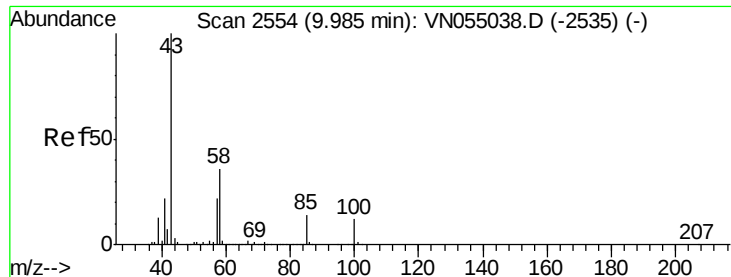
98 100

100 64.2 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN055082.D (-2493) (-)

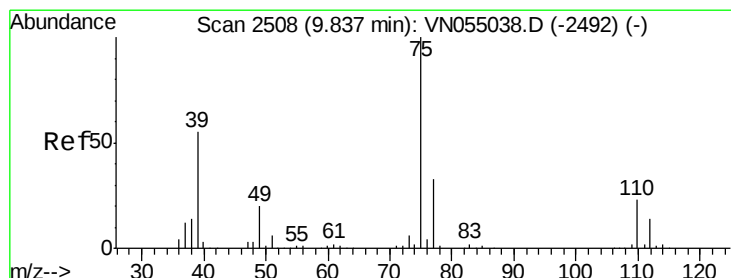
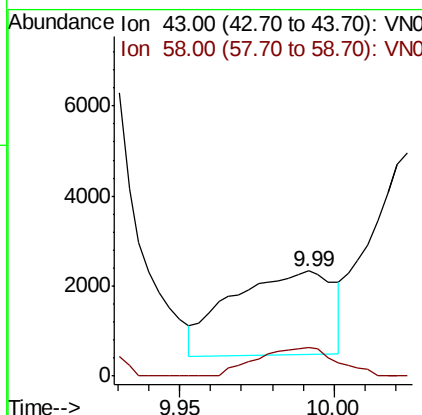
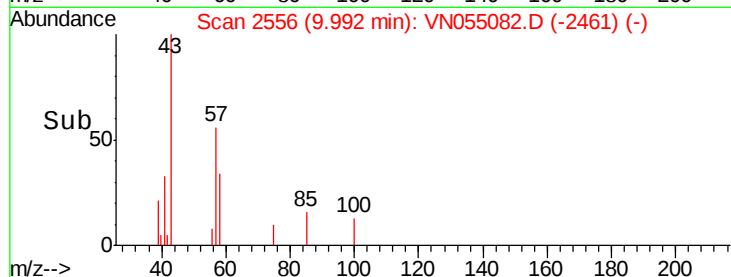
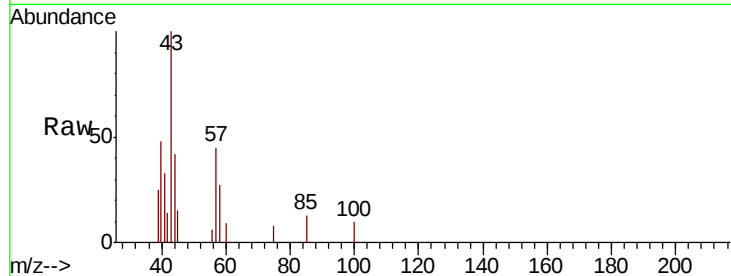




#51
 4-Methyl-2-Pentanone
 Concen: 0.763 ug/l
 RT: 9.99 min Scan# 2556
 Delta R.T. 0.01 min
 Lab File: VN055082.D
 Acq: 16 Apr 2019 16:53

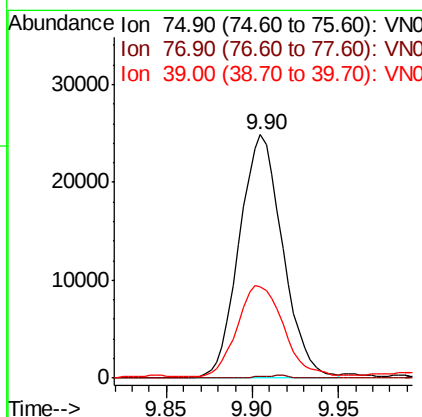
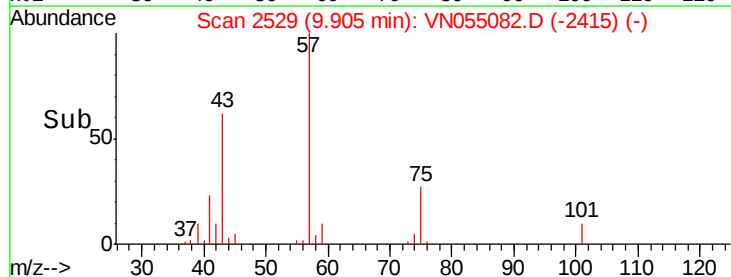
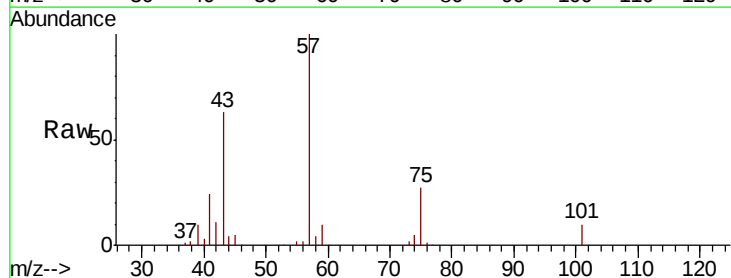
Instrument :
 MSVOA_N
 ClientSampled :
 TP1-S

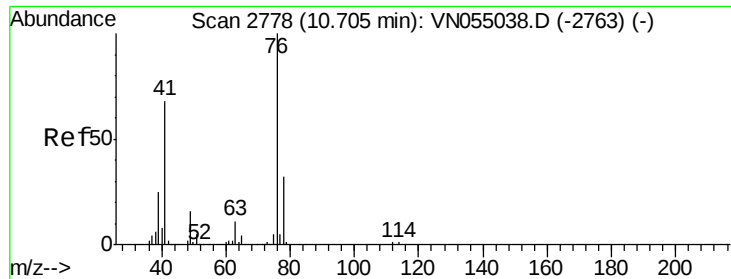
Tot Ion: 43 Resp: 4302
 Ion Ratio Lower Upper
 43 100
 58 26.2 29.0 43.4#



#54
 cis-1,3-Dichloropropene
 Concen: 5.237 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN055082.D
 Acq: 16 Apr 2019 16:53

Tgt Ion: 75 Resp: 43578
 Ion Ratio Lower Upper
 75 100
 77 0.8 25.8 38.6#
 39 37.0 43.8 65.8#





#57

1,3-Dichloropropane

Concen: 0.995 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN055082.D

Acq: 16 Apr 2019 16:53

Instrument :

MSVOA_N

ClientSampled :

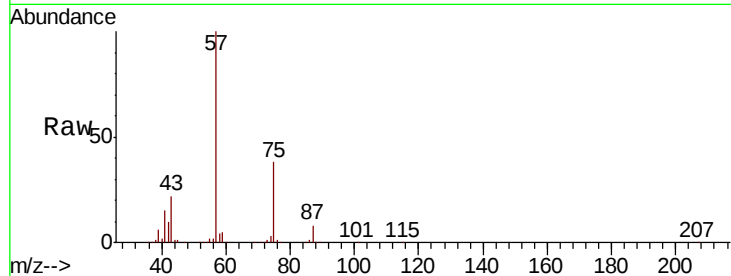
TP1-S

Tot Ion: 76 Resp: 8762

Ion Ratio Lower Upper

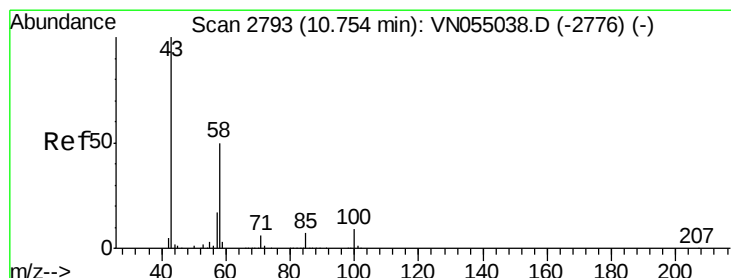
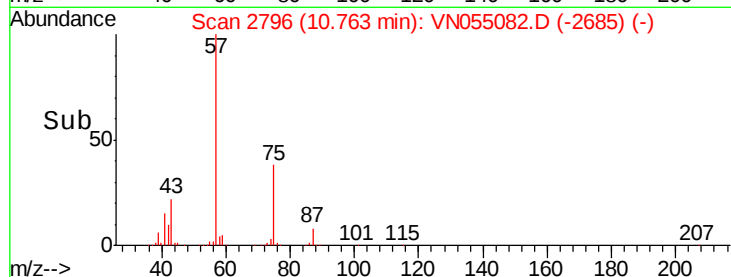
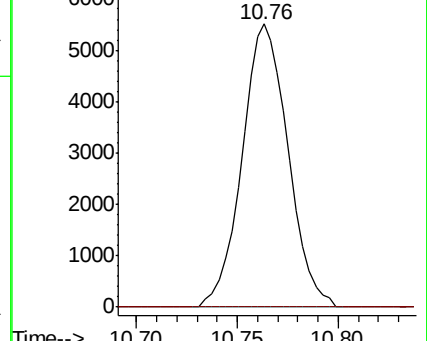
76 100

78 0.0 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 39.867 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN055082.D

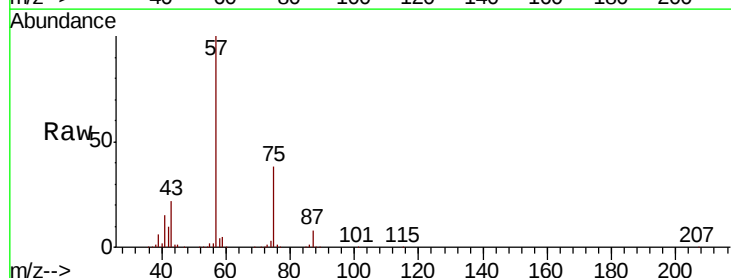
Acq: 16 Apr 2019 16:53

Tgt Ion: 43 Resp: 141152

Ion Ratio Lower Upper

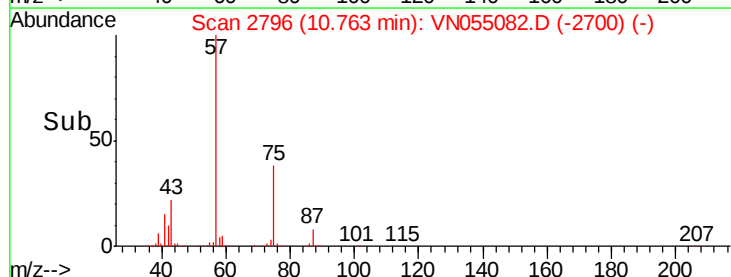
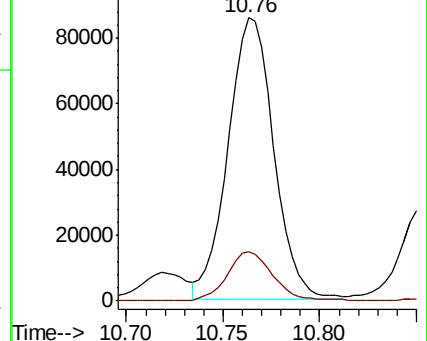
43 100

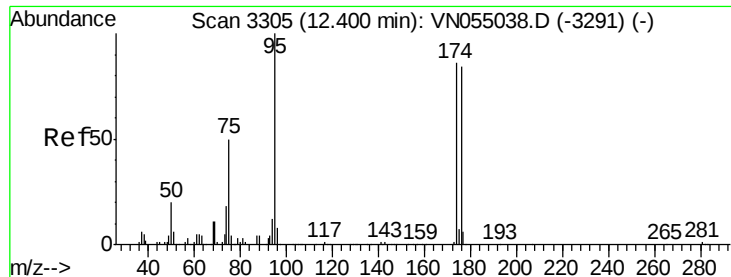
58 17.6 25.1 75.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

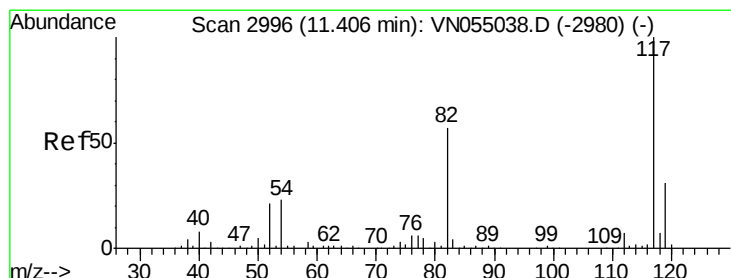
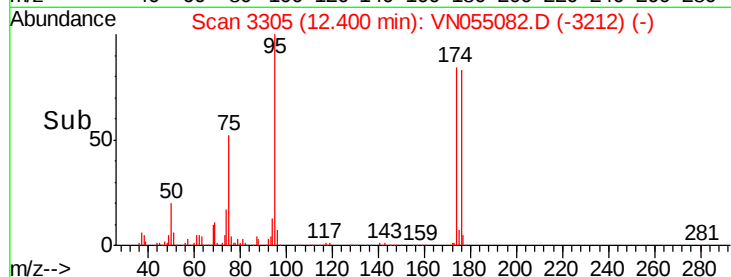
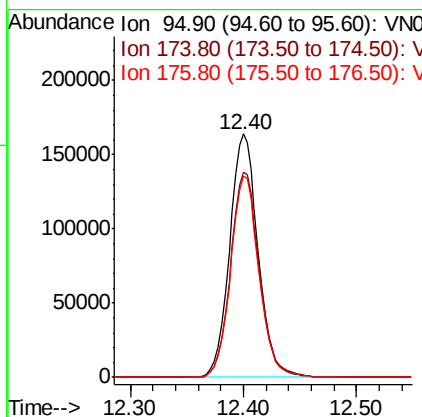
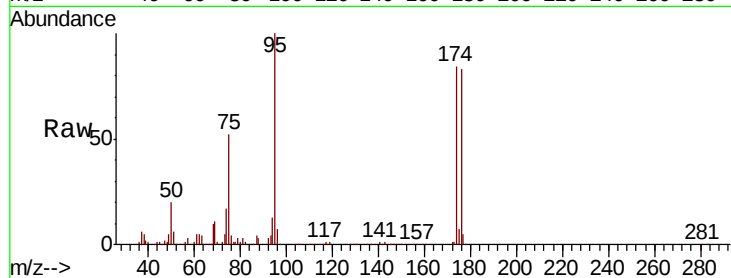




#62
4-Bromofluorobenzene
Concen: 44.434 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN055082.D
Acq: 16 Apr 2019 16:53

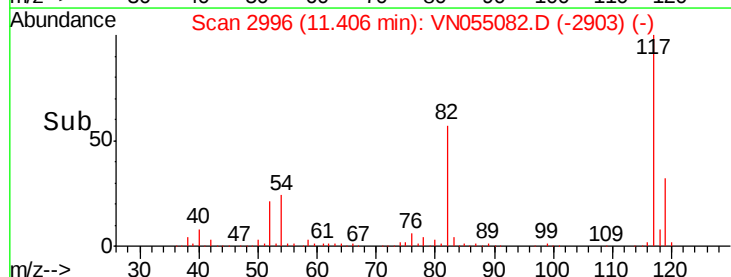
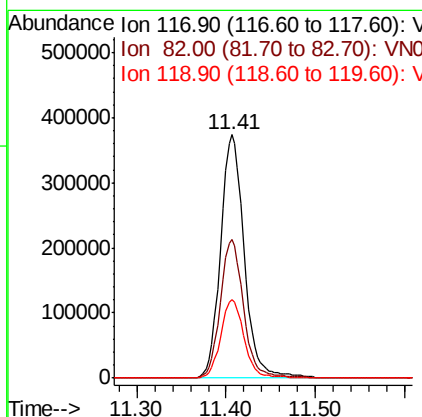
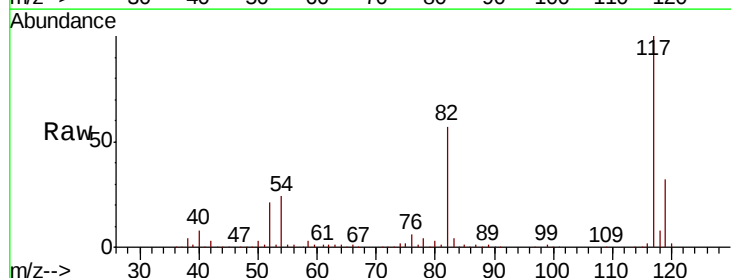
Instrument :
MSVOA_N
ClientSampleId :
TP1-S

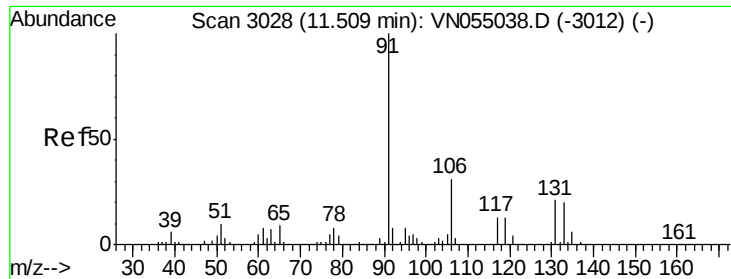
Tot Ion: 95 Resp: 285091
Ion Ratio Lower Upper
95 100
174 85.4 0.0 174.4
176 82.8 0.0 166.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055082.D
Acq: 16 Apr 2019 16:53

Tgt Ion: 117 Resp: 687233
Ion Ratio Lower Upper
117 100
82 57.2 44.6 66.8
119 32.1 25.5 38.3

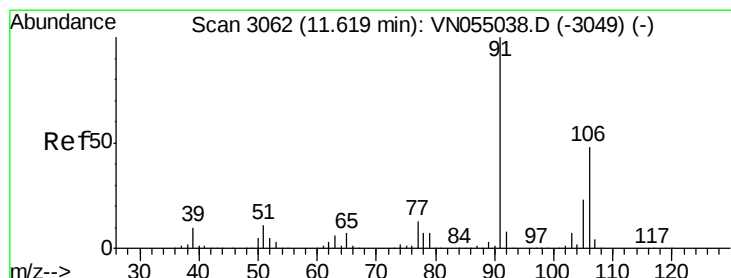
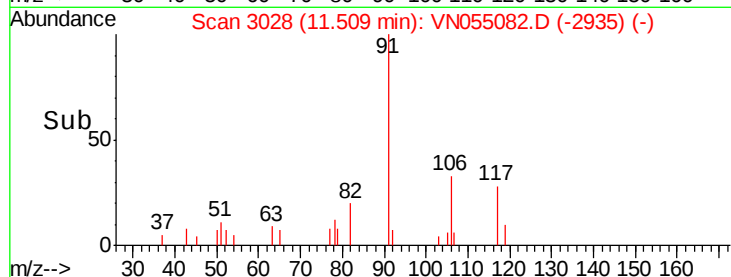
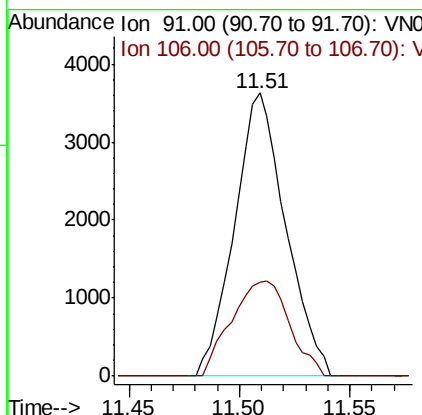
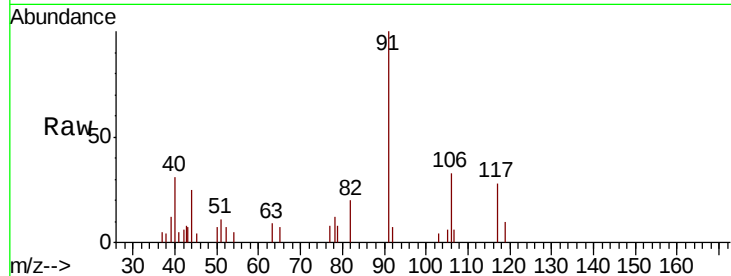




#67
Ethyl Benzene
Concen: 0.236 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN055082.D
Acq: 16 Apr 2019 16:53

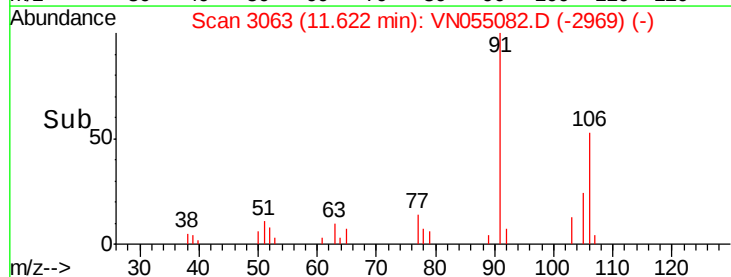
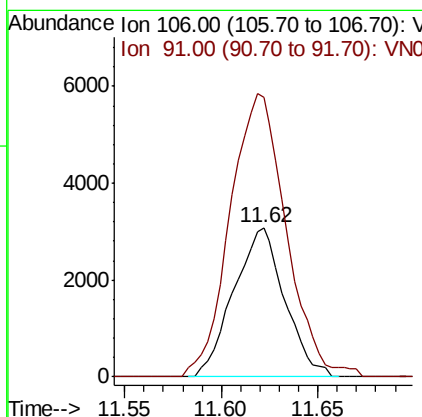
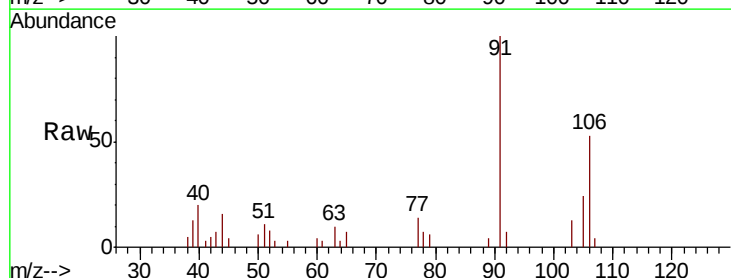
Instrument :
MSVOA_N
ClientSampled :
TP1-S

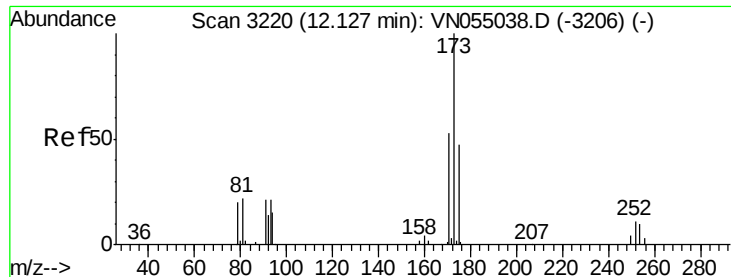
Tot Ion: 91 Resp: 5833
Ion Ratio Lower Upper
91 100
106 33.3 24.3 36.5



#68
m/p-Xylenes
Concen: 0.631 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN055082.D
Acq: 16 Apr 2019 16:53

Tgt Ion: 106 Resp: 5646
Ion Ratio Lower Upper
106 100
91 209.0 165.9 248.9





#71

Bromoform

Concen: 0.551 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN055082.D

Acq: 16 Apr 2019 16:53

Instrument :

MSVOA_N

ClientSampleId :

TP1-S

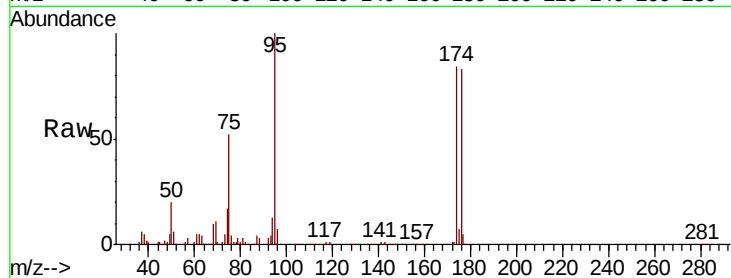
Tot Ion:173 Resp: 1607

Ion Ratio Lower Upper

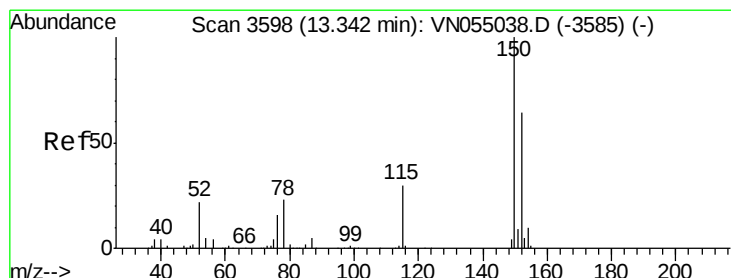
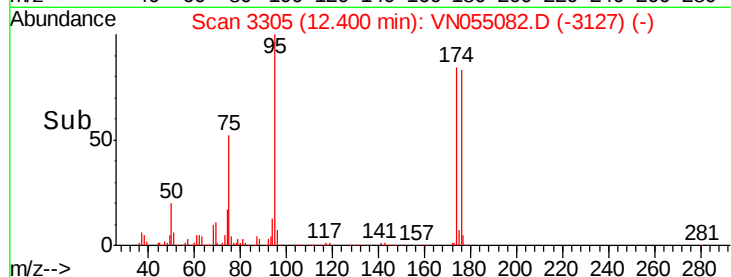
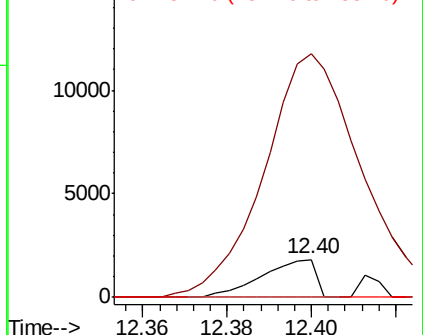
173 100

175 1033.6 24.3 73.0#

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: VN055082.D

Acq: 16 Apr 2019 16:53

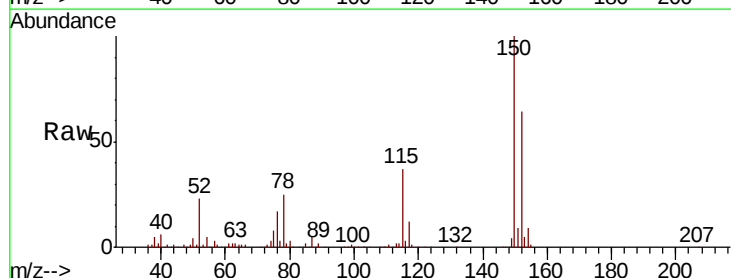
Tgt Ion:152 Resp: 225703

Ion Ratio Lower Upper

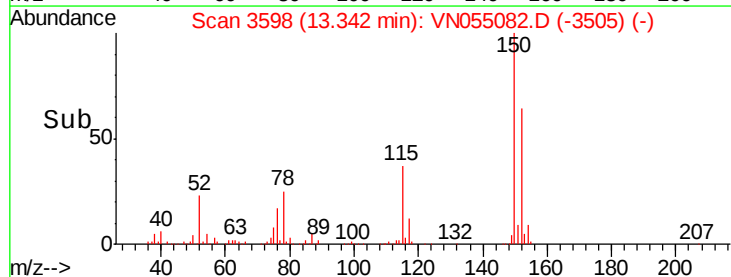
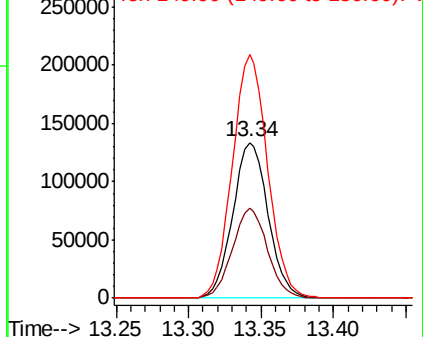
152 100

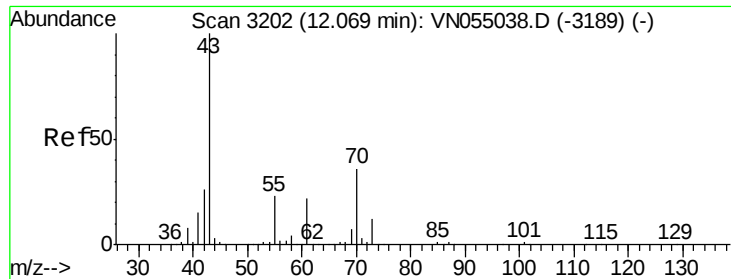
115 57.5 28.5 85.6

150 156.4 0.0 347.2



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-amvl acetate

Concen: 2.529 ug/l

RT: 11.87 min Scan# 3141

Delta R.T. -0.20 min

Lab File: VN055082.D

Acq: 16 Apr 2019 16:53

Instrument :

MSVOA_N

ClientSampled :

TP1-S

Tot Ion: 43 Resp: 14259

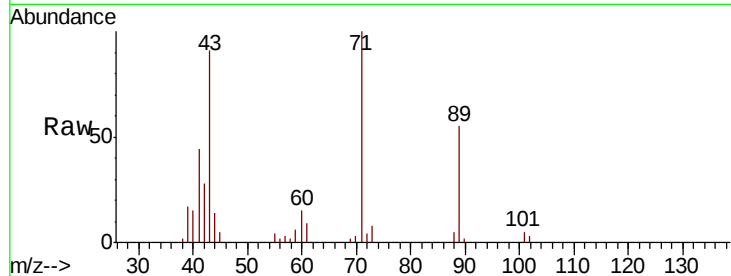
Ion Ratio Lower Upper

43 100

70 1.2 29.4 44.0#

55 3.8 19.0 28.4#

61 9.3 17.7 26.5#

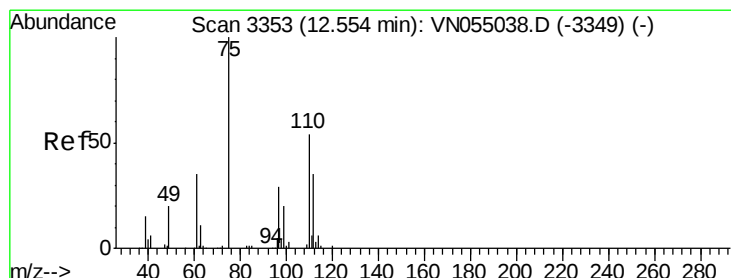
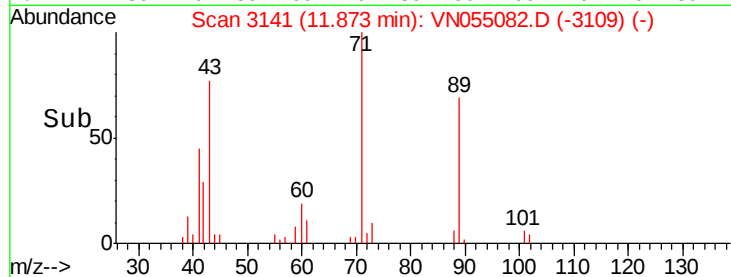
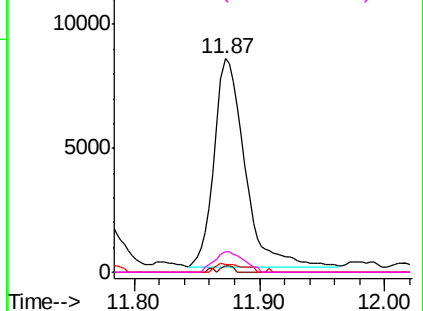


Abundance Ion 43.00 (42.70 to 43.70): VNO

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



#76

1,2,3-Trichloropropane

Concen: 36.376 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055082.D

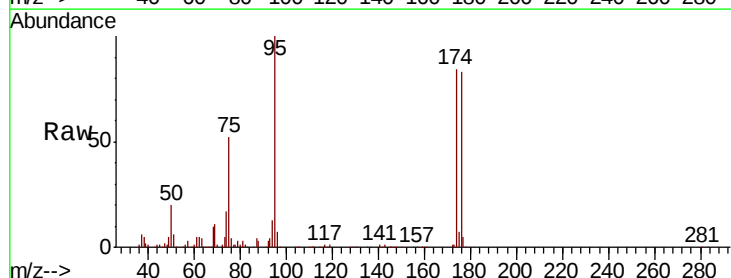
Acq: 16 Apr 2019 16:53

Tgt Ion: 75 Resp: 147639

Ion Ratio Lower Upper

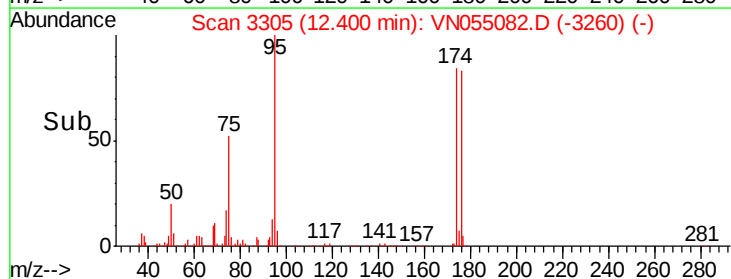
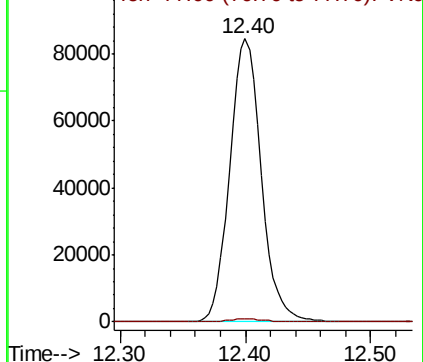
75 100

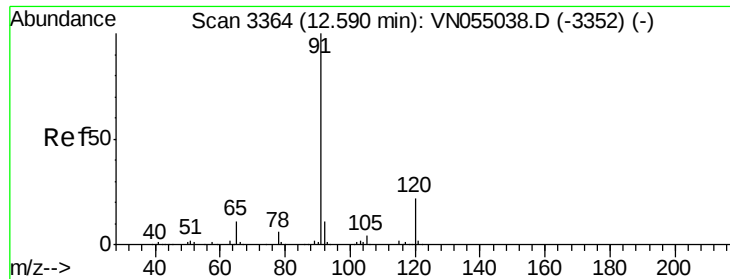
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#78

n-propylbenzene

Concen: 0.392 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN055082.D

Acq: 16 Apr 2019 16:53

Instrument :

MSVOA_N

ClientSampleId :

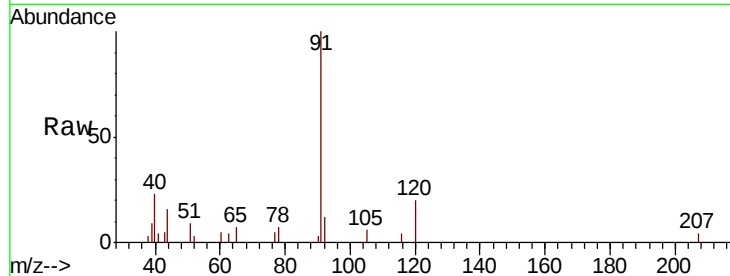
TP1-S

Tot Ion: 91 Resp: 8485

Ion Ratio Lower Upper

91 100

120 20.8 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN055038.D (-3352) (-)

Ion 120.00 (119.70 to 120.70): VN055038.D (-3352) (-)

12.59

6000

5000

4000

3000

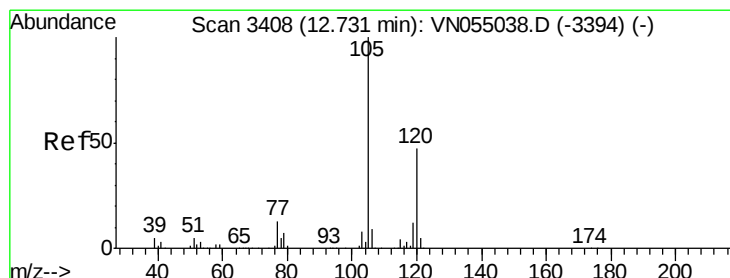
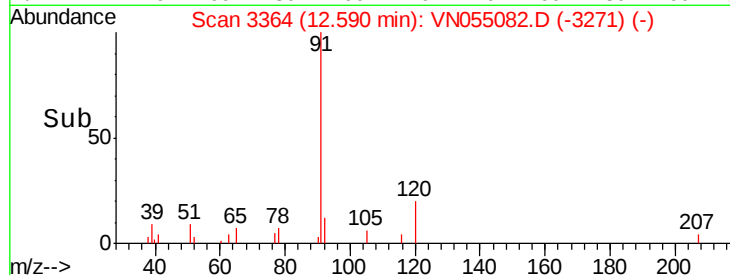
2000

1000

0

Time-->

12.55 12.60 12.65



#80

1,3,5-Trimethylbenzene

Concen: 0.823 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN055082.D

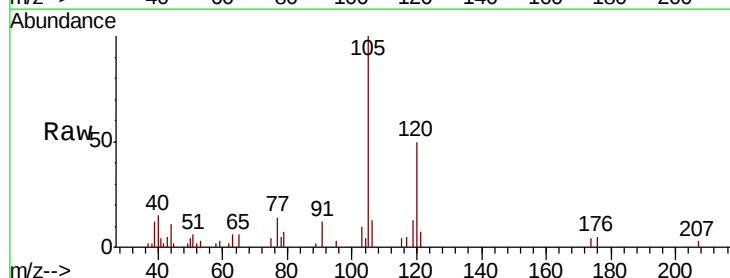
Acq: 16 Apr 2019 16:53

Tgt Ion:105 Resp: 13300

Ion Ratio Lower Upper

105 100

120 50.6 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VN055038.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN055038.D (-3394) (-)

12.73

10000

8000

6000

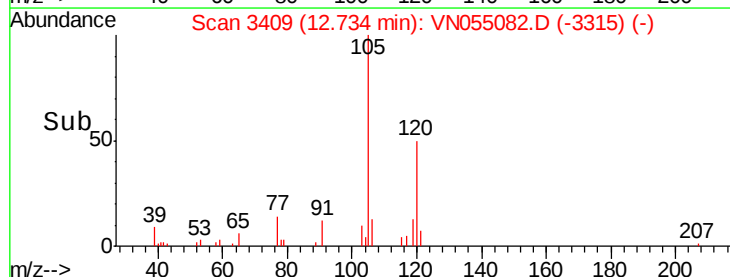
4000

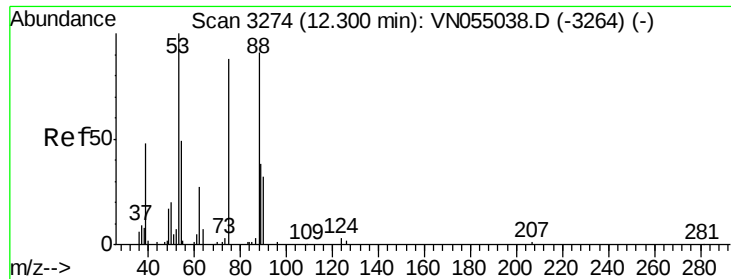
2000

0

Time-->

12.70 12.75





#81

trans-1,4-Dichloro-2-butene

Concen: 145.462 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055082.D

Acq: 16 Apr 2019 16:53

Instrument :

MSVOA_N

ClientSampled :

TP1-S

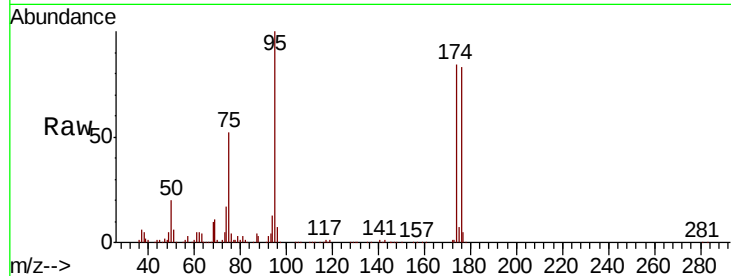
Tot Ion: 75 Resp: 147639

Ion Ratio Lower Upper

75 100

53 0.0 96.3 144.5#

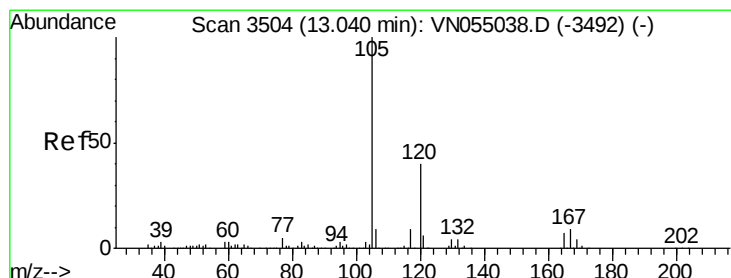
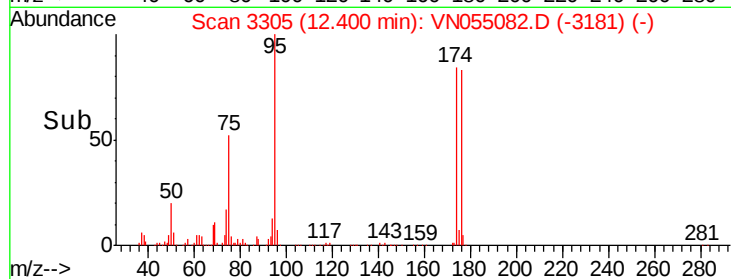
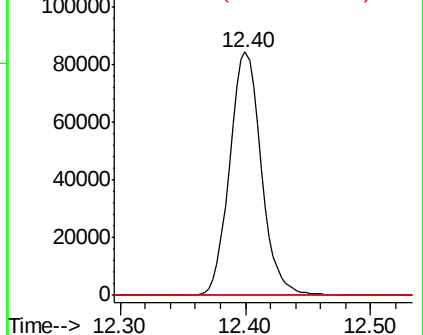
89 0.0 38.6 57.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#84

1,2,4-Trimethylbenzene

Concen: 1.935 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN055082.D

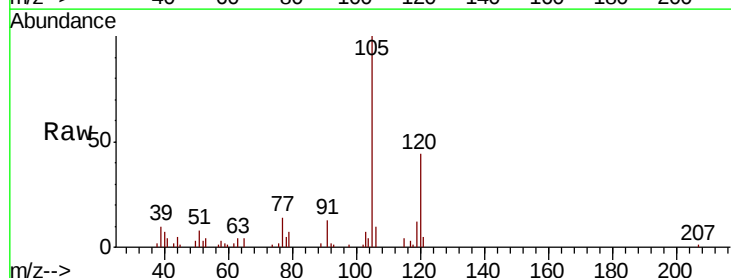
Acq: 16 Apr 2019 16:53

Tgt Ion:105 Resp: 29641

Ion Ratio Lower Upper

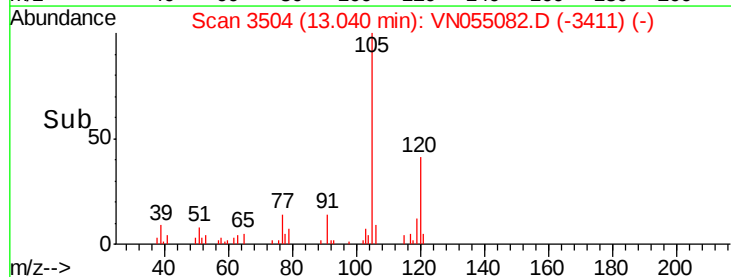
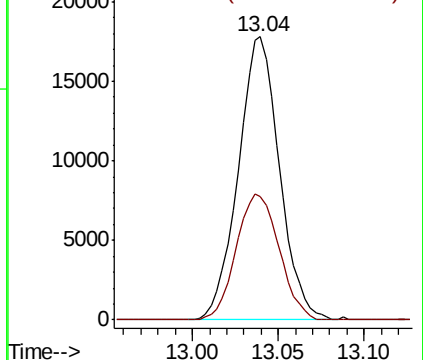
105 100

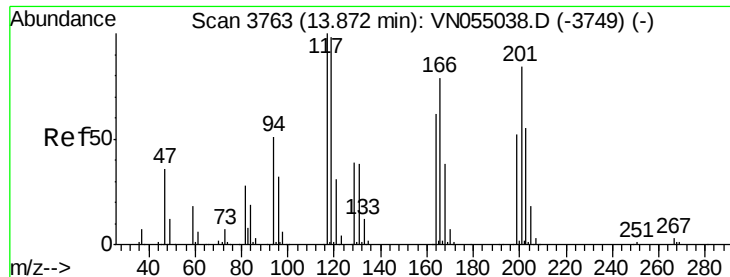
120 46.4 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#90

Hexachloroethane

Concen: 0.388 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN055082.D

Acq: 16 Apr 2019 16:53

Instrument :

MSVOA_N

ClientSampled :

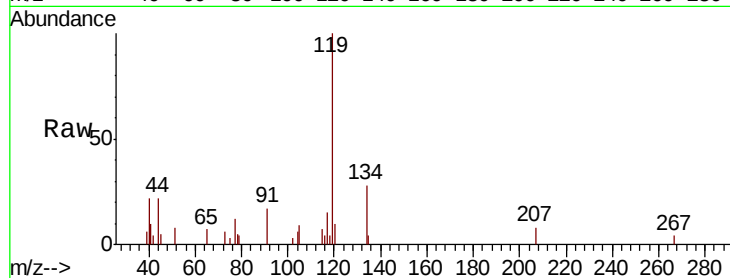
TP1-S

Tot Ion:117 Resp: 941

Ion Ratio Lower Upper

117 100

201 0.0 43.4 130.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

800

600

400

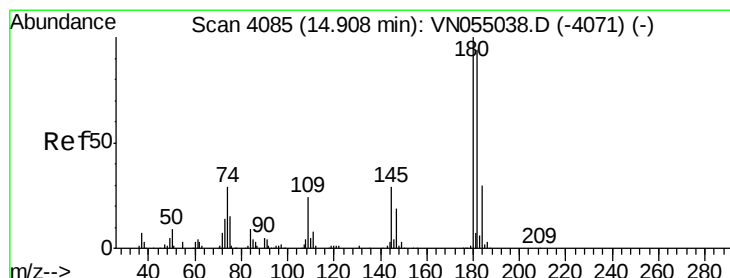
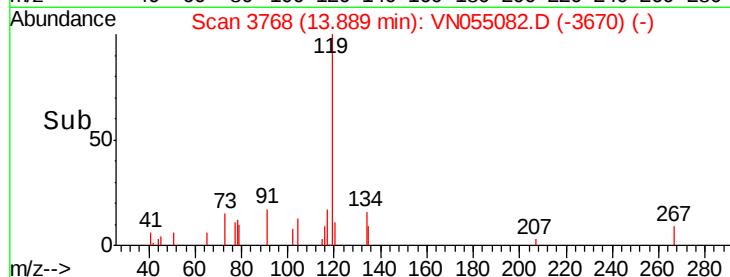
200

0

13.85

13.89

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 2.800 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. -0.00 min

Lab File: VN055082.D

Acq: 16 Apr 2019 16:53

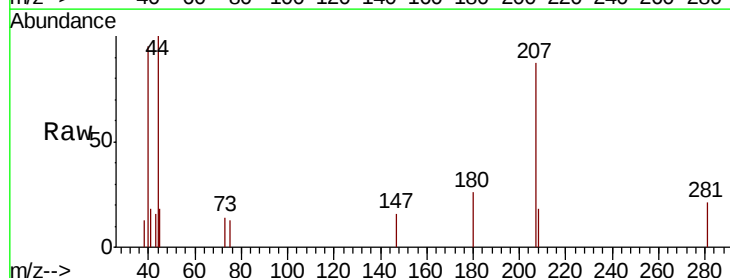
Tgt Ion:180 Resp: 451

Ion Ratio Lower Upper

180 100

182 31.0 47.5 142.6#

145 0.0 14.2 42.8#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

400

300

200

100

0

14.88

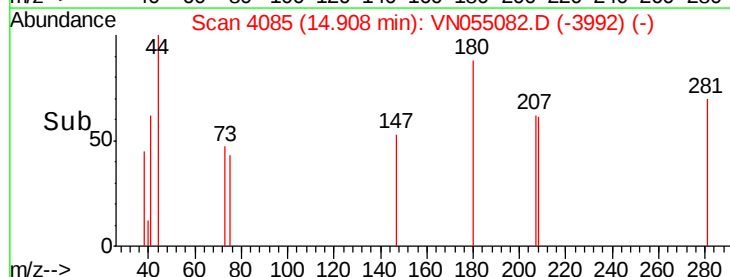
14.90

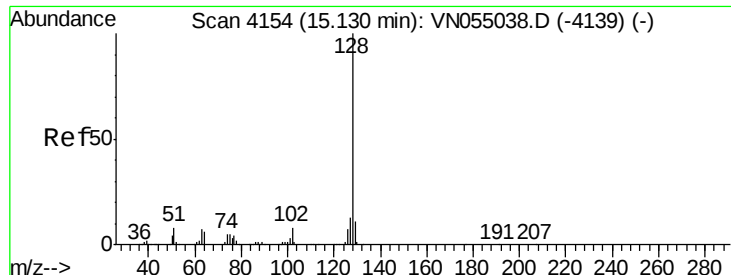
14.91

14.92

14.94

Time-->

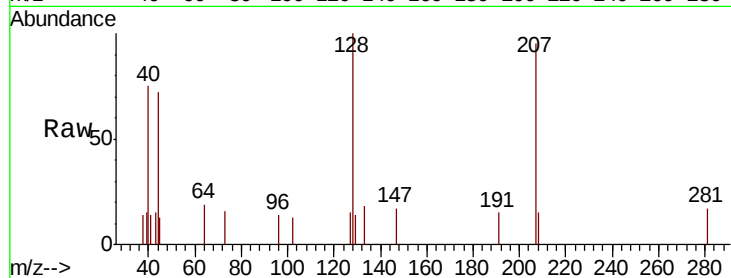




#95
Naphthalene
Concen: 3.369 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN055082.D
Acq: 16 Apr 2019 16:53

Instrument :
MSVOA_N
ClientSampleId :
TP1-S

Tot Ion:128 Resp: 2492
Ion Ratio Lower Upper
128 100
127 7.1 10.1 15.1#
129 5.9 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

