

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121718\
 Data File : VN052938.D
 Acq On : 17 Dec 2018 20:05
 Operator : MD\SY
 Sample : J6429-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 18 04:47:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

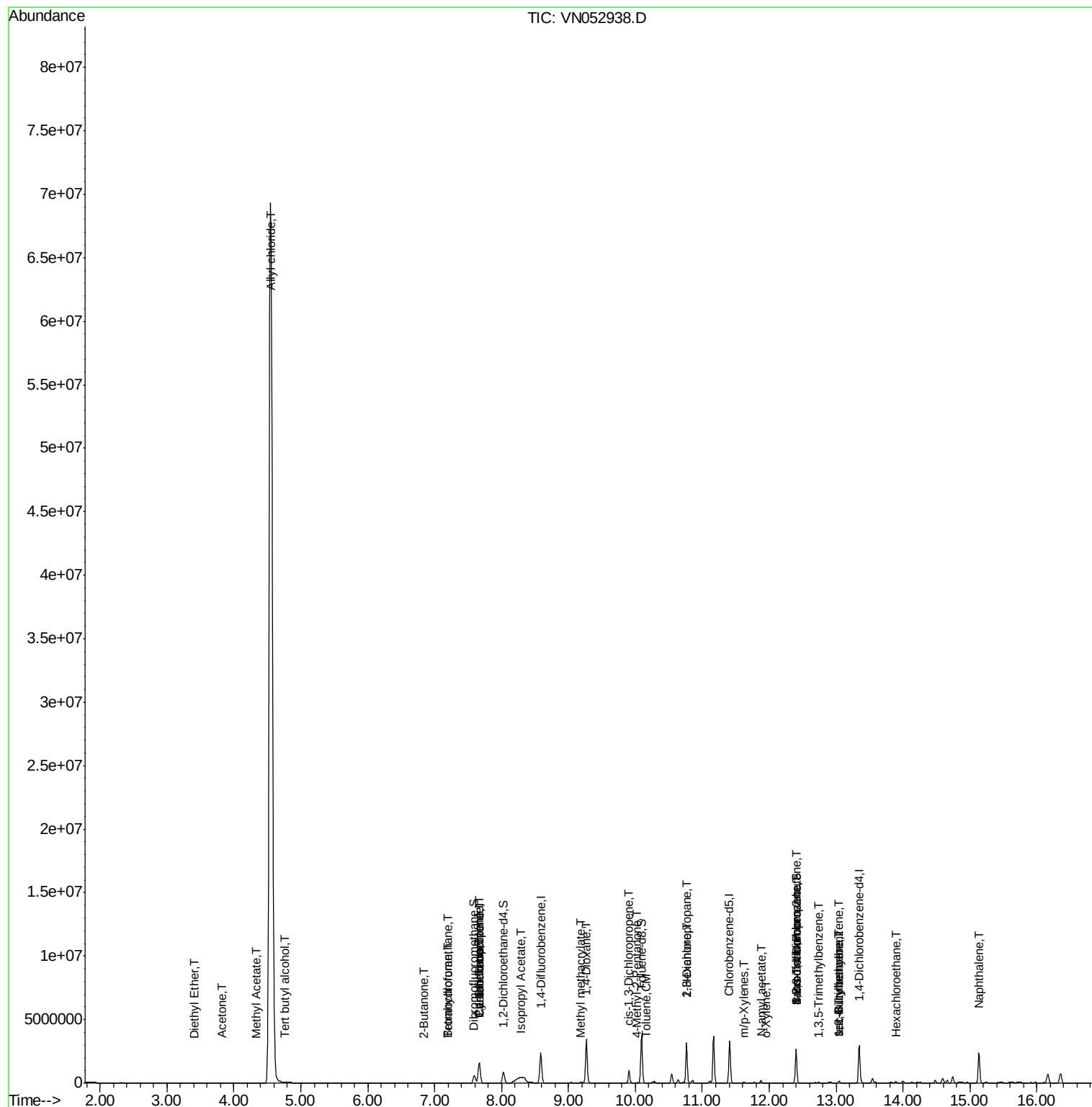
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1437362	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2226034	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2013960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	847130	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	719866	47.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.20%	
35) Dibromofluoromethane	7.59	113	466500	37.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.08%	
50) Toluene-d8	10.09	98	2728547	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
62) 4-Bromofluorobenzene	12.40	95	919084	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.41	74	2894	0.360	ug/l	76
11) Tert butyl alcohol	4.77	59	756	0.885	ug/l #	74
14) Allyl chloride	4.55	41	2493851	115.537	ug/l #	24
16) Acetone	3.81	43	27903	8.129	ug/l	100
18) Methyl Acetate	4.33	43	8897	0.706	ug/l #	51
25) 2-Butanone	6.84	43	3938	0.739	ug/l #	86
28) Bromochloromethane	7.20	49	24541	2.058	ug/l	96
29) Tetrahydrofuran	7.21	42	1550	0.426	ug/l #	75
31) Cyclohexane	7.67	56	24607	0.374	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	96129	4.689	ug/l #	48
38) Carbon Tetrachloride	7.67	117	124207	6.583	ug/l #	15
43) Isopropyl Acetate	8.29	43	836452	33.129	ug/l #	53
48) Methyl methacrylate	9.18	41	26280	2.373	ug/l #	22
49) 1,4-Dioxane	9.26	88	243	1.933	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	25093	2.167	ug/l #	35
52) Toluene	10.16	92	7856	0.211	ug/l	94
54) cis-1,3-Dichloropropene	9.90	75	185033	7.962	ug/l #	58
57) 1,3-Dichloropropane	10.76	76	33690	1.477	ug/l #	42
59) 2-Hexanone	10.76	43	456411	57.525	ug/l #	49
68) m/p-Xylenes	11.62	106	16754	0.622	ug/l	95
69) o-Xylene	11.95	106	7833	0.298	ug/l	97
71) Bromoform	12.40	173	5543	0.561	ug/l #	1
74) N-amyl acetate	11.88	43	58523	3.370	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	432166	34.578	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	33289	0.652	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	432166	111.080	ug/l #	12
83) tert-Butylbenzene	13.04	119	11924	0.265	ug/l #	72
84) 1,2,4-Trimethylbenzene	13.04	105	94033	1.819	ug/l	97
85) sec-Butylbenzene	13.04	105	94033	1.542	ug/l #	56
90) Hexachloroethane	13.89	117	6285	0.710	ug/l #	4
95) Naphthalene	15.13	128	2066716	66.753	ug/l	100

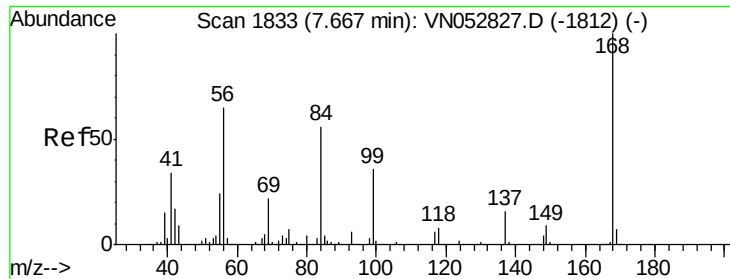
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052938.D

Acq: 17 Dec 2018 20:05

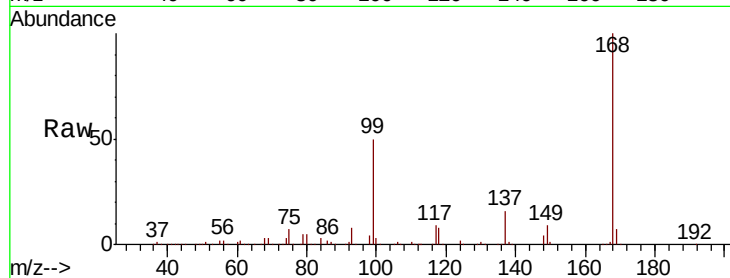
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 1437362

Ion Ratio Lower Upper

168 100

99 50.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

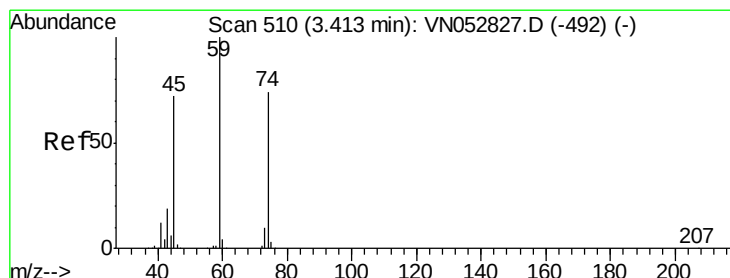
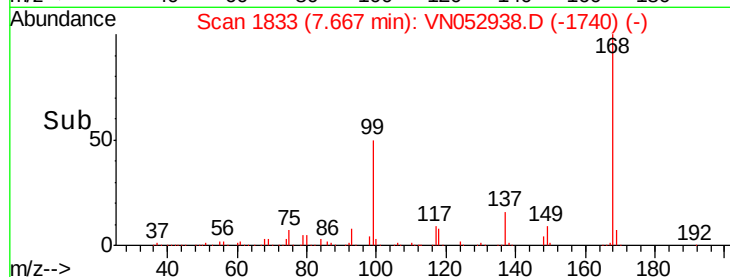
600000

400000

200000

0

Time-->



#8

Diethyl Ether

Concen: 0.360 ug/l

RT: 3.41 min Scan# 509

Delta R.T. -0.00 min

Lab File: VN052938.D

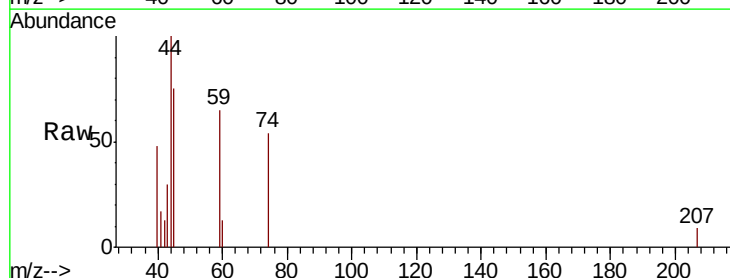
Acq: 17 Dec 2018 20:05

Tgt Ion: 74 Resp: 2894

Ion Ratio Lower Upper

74 100

45 122.5 49.4 148.0



Abundance Ion 74.00 (73.70 to 74.70): VN

Ion 45.00 (44.70 to 45.70): VN

3.41

2000

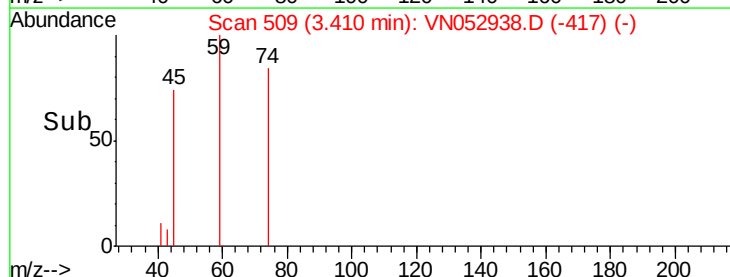
1500

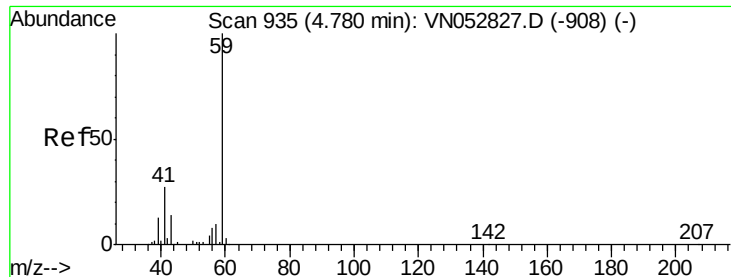
1000

500

0

Time-->

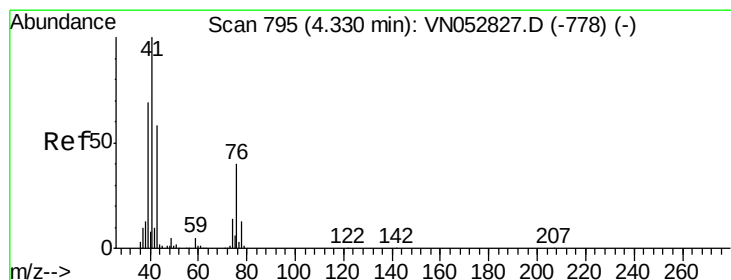
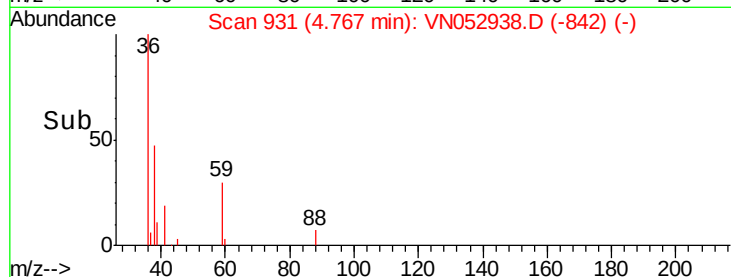
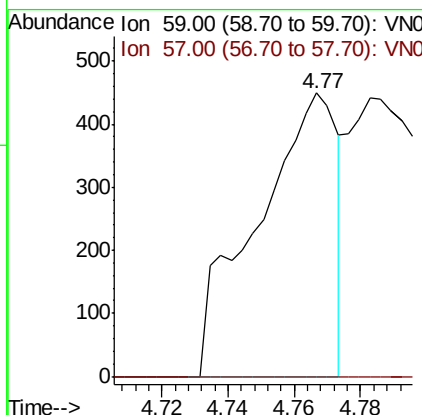
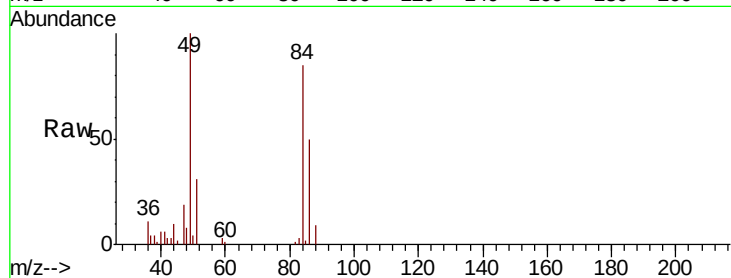




#11
Tert butyl alcohol
Concen: 0.885 ug/l
RT: 4.77 min Scan# 931
Delta R.T. -0.01 min
Lab File: VN052938.D
Acq: 17 Dec 2018 20:05

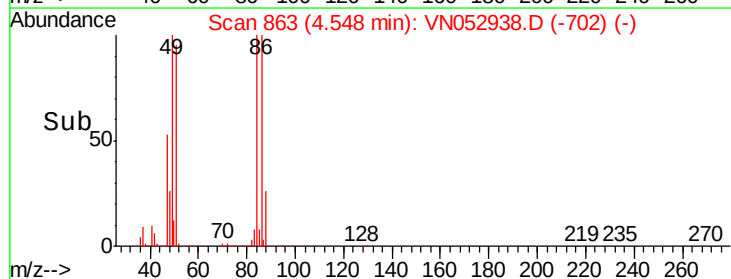
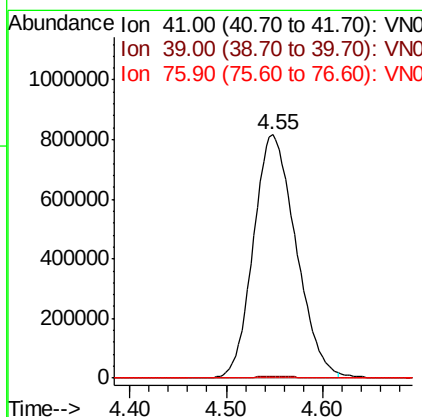
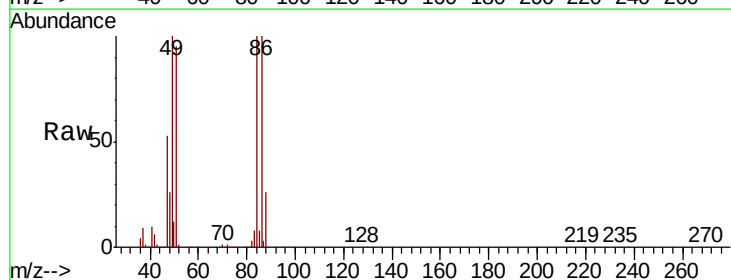
Instrument :
MSVOA_N
ClientSampled :

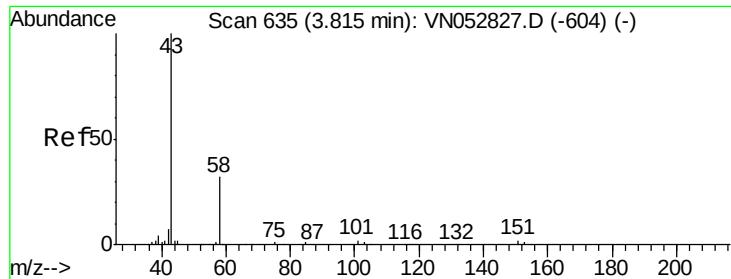
Tot Ion: 59 Resp: 756
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#14
Allyl chloride
Concen: 115.537 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.22 min
Lab File: VN052938.D
Acq: 17 Dec 2018 20:05

Tgt Ion: 41 Resp: 2493851
Ion Ratio Lower Upper
41 100
39 0.7 54.1 81.1#
76 0.0 30.3 45.5#





#16

Acetone

Concen: 8.129 ug/l

RT: 3.81 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN052938.D

Acq: 17 Dec 2018 20:05

Instrument :

MSVOA_N

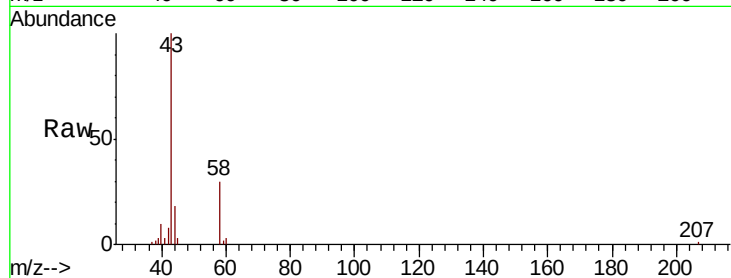
ClientSampled :

Tot Ion: 43 Resp: 27903

Ion Ratio Lower Upper

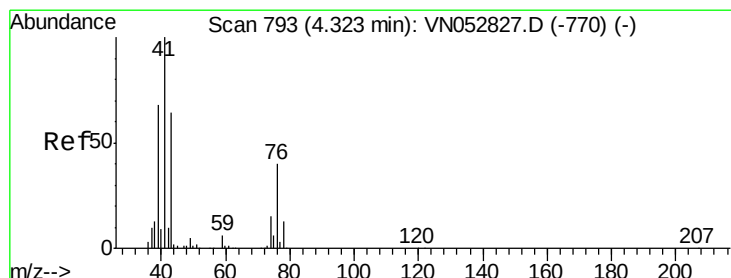
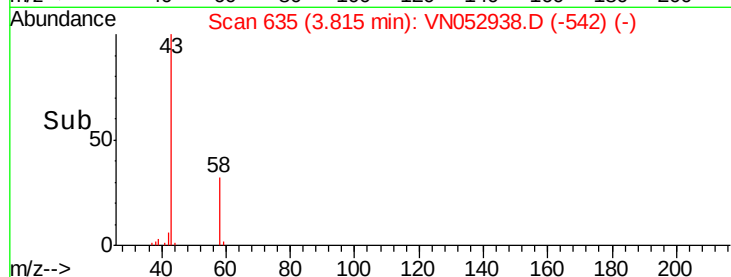
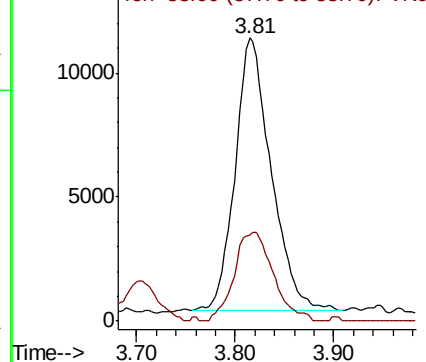
43 100

58 31.7 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: 0.706 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN052938.D

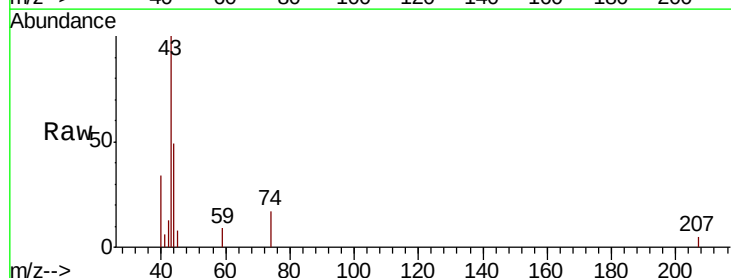
Acq: 17 Dec 2018 20:05

Tgt Ion: 43 Resp: 8897

Ion Ratio Lower Upper

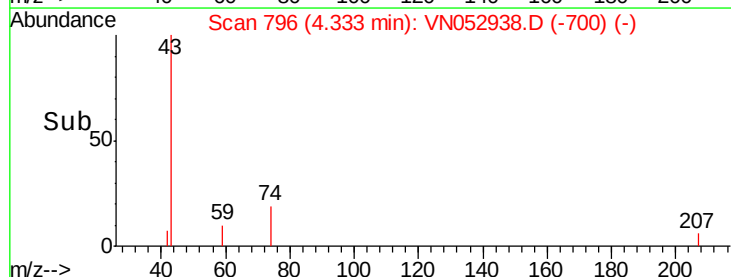
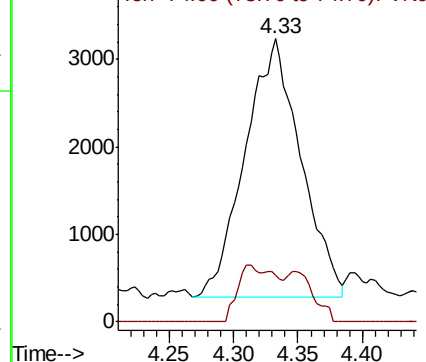
43 100

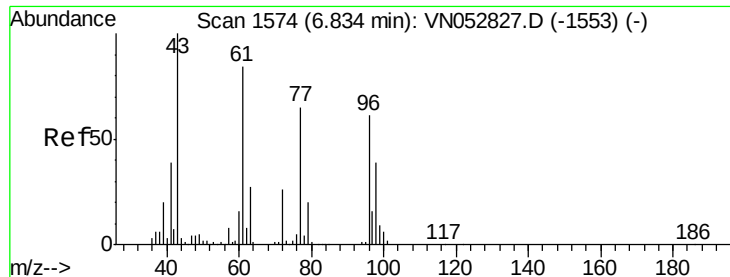
74 0.0 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

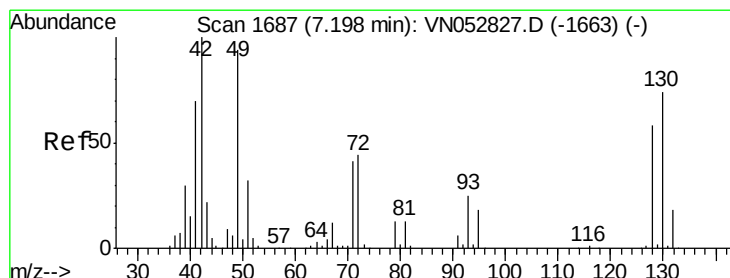
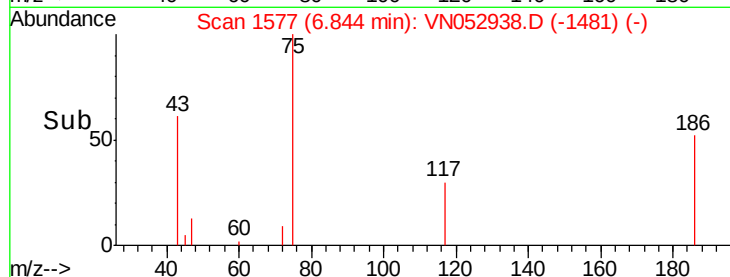
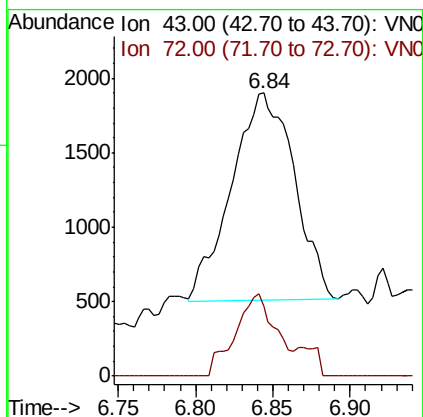
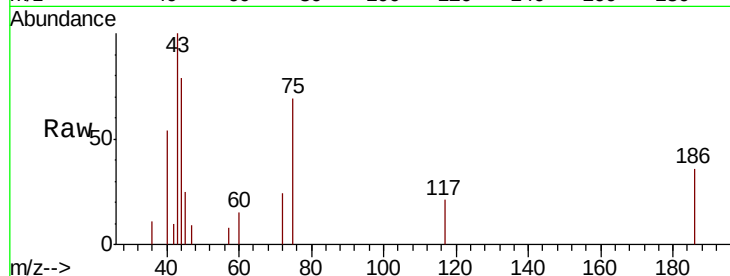




#25
2-Butanone
Concen: 0.739 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN052938.D
Acq: 17 Dec 2018 20:05

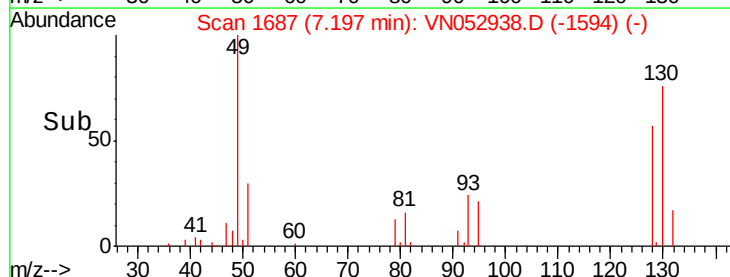
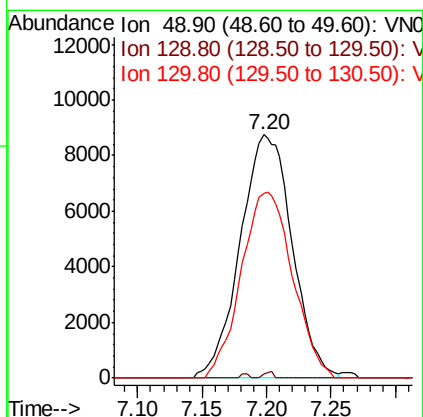
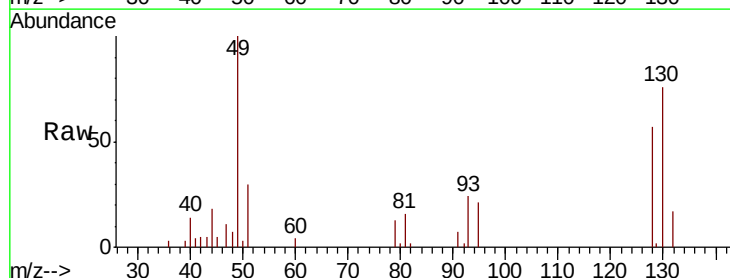
Instrument :
MSVOA_N
ClientSampleId :

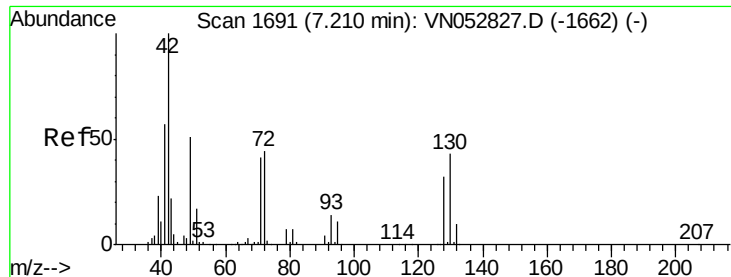
Tot Ion: 43 Resp: 3938
Ion Ratio Lower Upper
43 100
72 33.6 21.0 31.6#



#28
Bromochloromethane
Concen: 2.058 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN052938.D
Acq: 17 Dec 2018 20:05

Tgt Ion: 49 Resp: 24541
Ion Ratio Lower Upper
49 100
129 0.5 0.0 4.0
130 75.6 63.3 94.9





#29

Tetrahydrofuran

Concen: 0.426 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VN052938.D

Acq: 17 Dec 2018 20:05

Instrument :

MSVOA_N

ClientSampled :

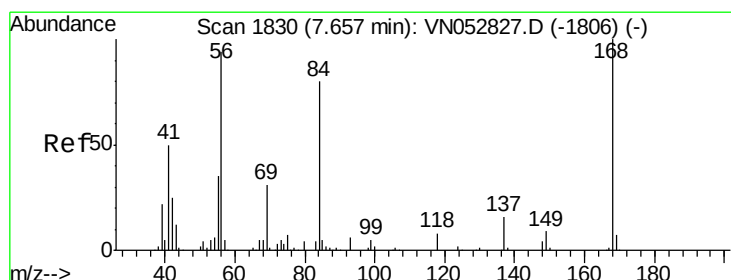
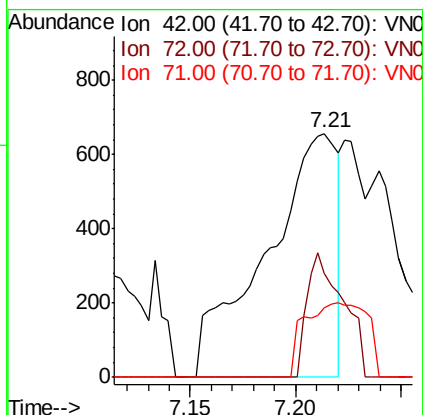
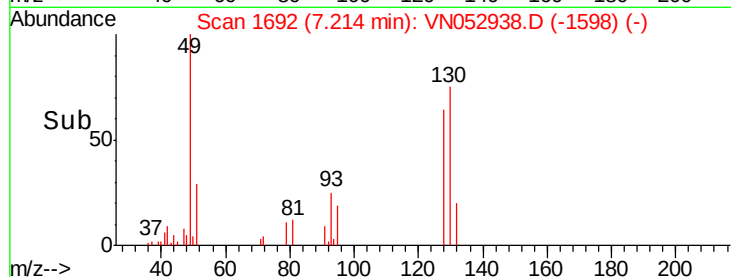
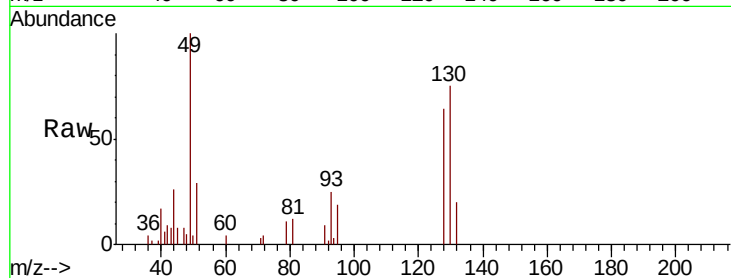
Tot Ion: 42 Resp: 1550

Ion Ratio Lower Upper

42 100

72 25.7 34.7 52.1#

71 26.6 32.3 48.5#



#31

Cyclohexane

Concen: 0.374 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN052938.D

Acq: 17 Dec 2018 20:05

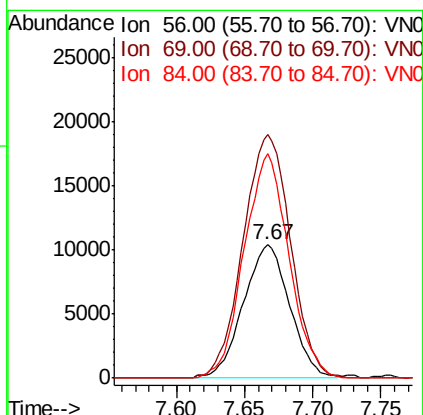
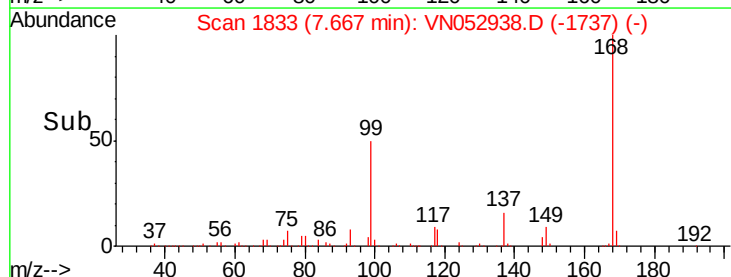
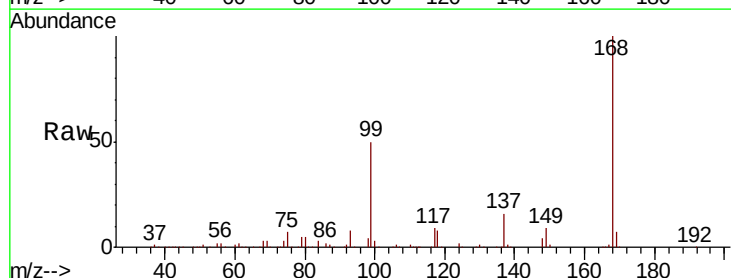
Tgt Ion: 56 Resp: 24607

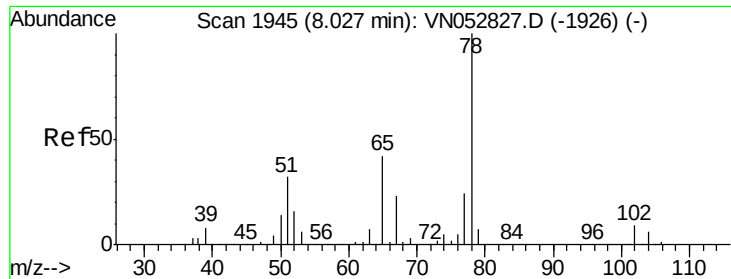
Ion Ratio Lower Upper

56 100

69 182.8 26.6 39.8#

84 168.6 68.4 102.6#

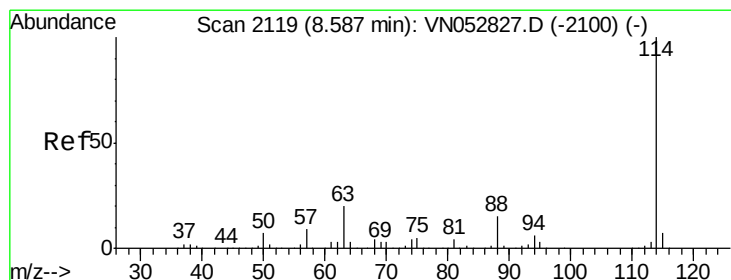
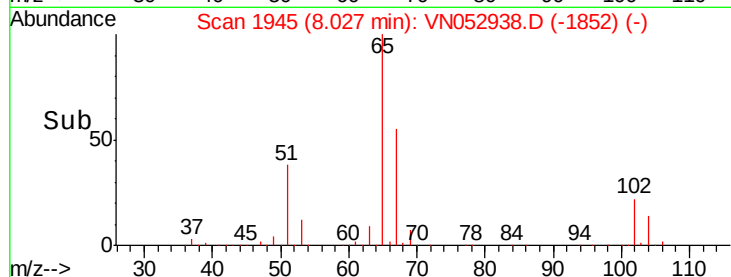
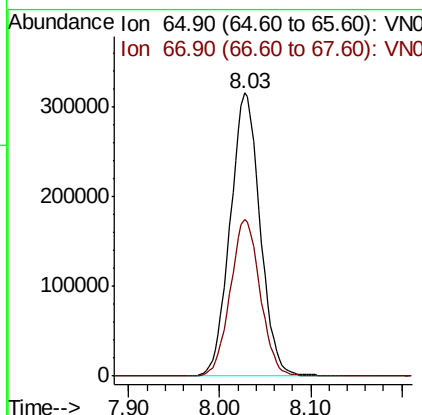
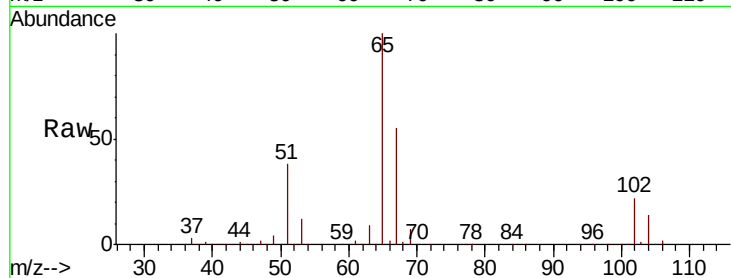




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052938.D
 Acq: 17 Dec 2018 20:05

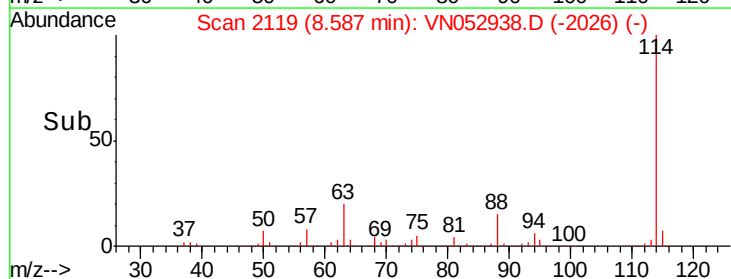
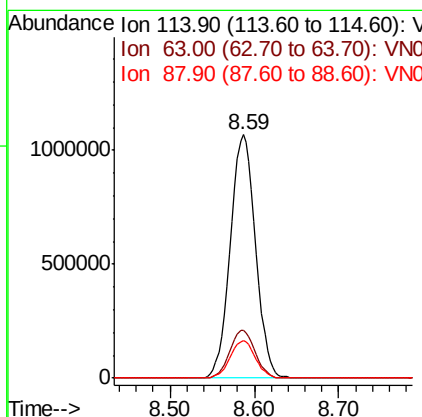
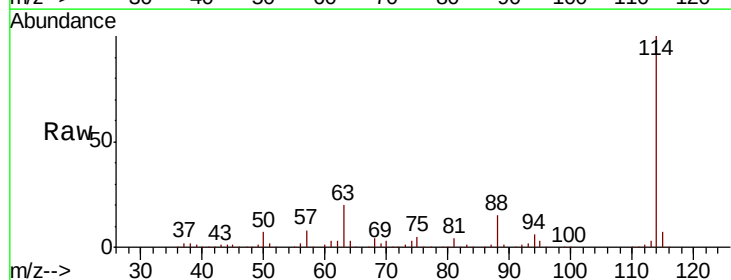
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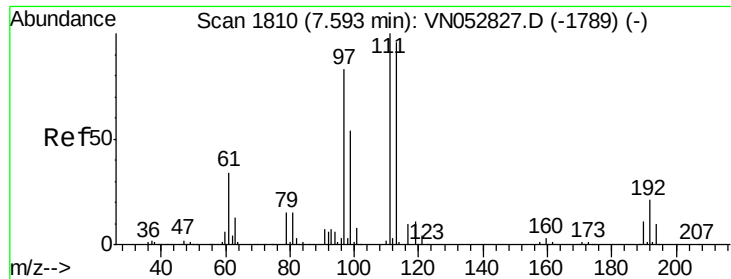
Tot Ion: 65 Resp: 719866
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052938.D
 Acq: 17 Dec 2018 20:05

Tgt Ion: 114 Resp: 2226034
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.8
 88 15.4 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN052938.D

Acq: 17 Dec 2018 20:05

Instrument :

MSVOA_N

ClientSampleId :

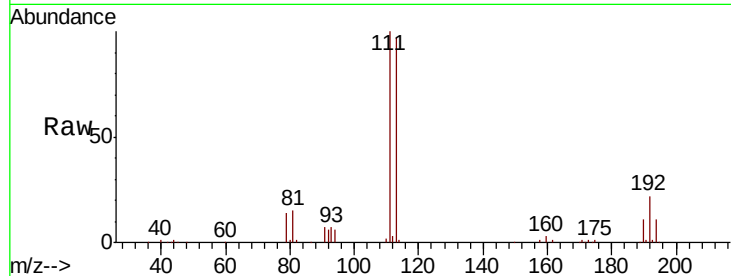
Tot Ion:113 Resp: 466500

Ion Ratio Lower Upper

113 100

111 102.8 83.0 124.4

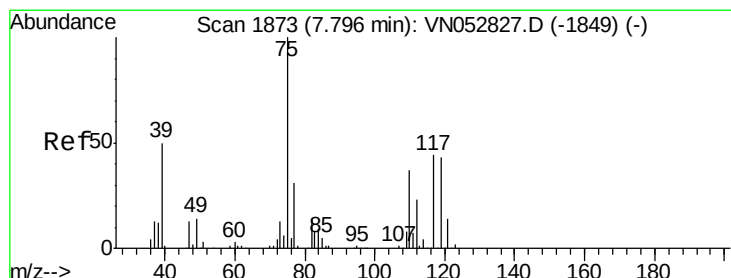
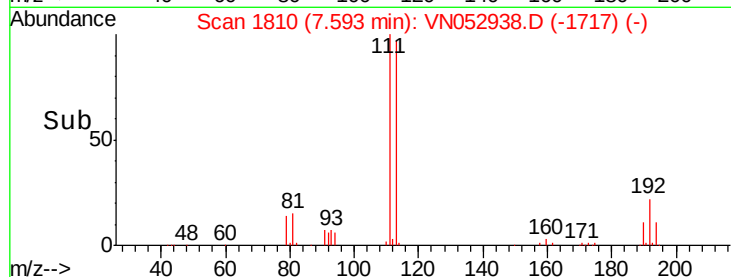
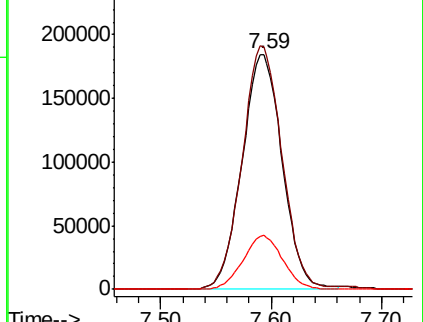
192 22.7 17.5 26.3



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: 4.689 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN052938.D

Acq: 17 Dec 2018 20:05

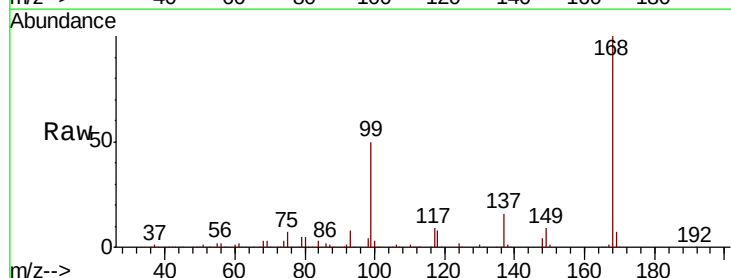
Tgt Ion: 75 Resp: 96129

Ion Ratio Lower Upper

75 100

110 8.3 18.2 54.6#

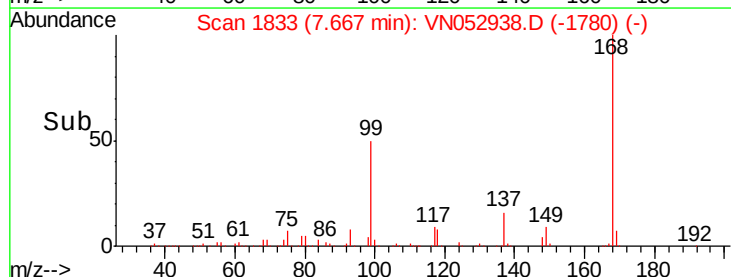
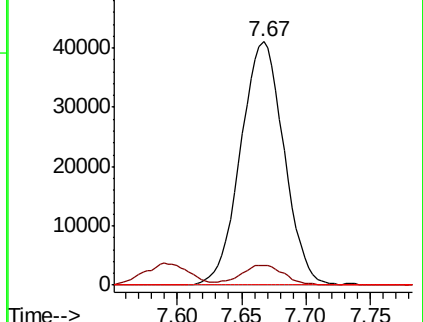
77 0.0 24.9 37.3#

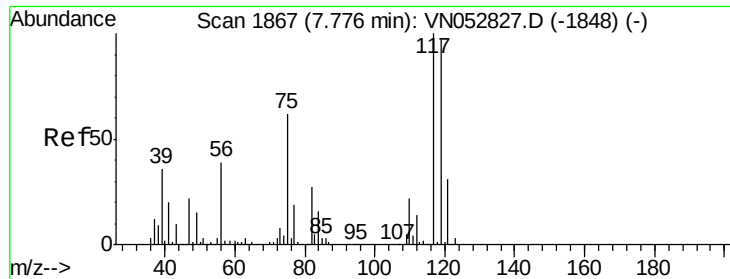


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0





#38

Carbon Tetrachloride

Concen: 6.583 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN052938.D

Acq: 17 Dec 2018 20:05

Instrument :

MSVOA_N

ClientSampleId :

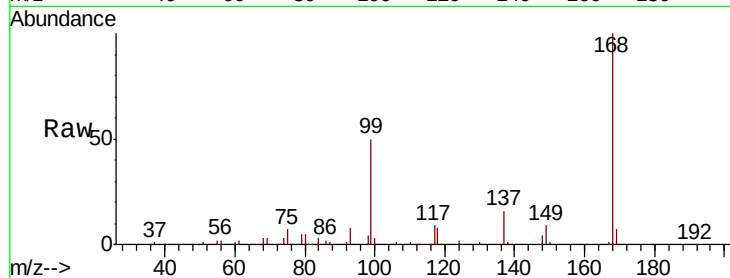
Tot Ion:117 Resp: 124207

Ion Ratio Lower Upper

117 100

119 4.8 77.1 115.7#

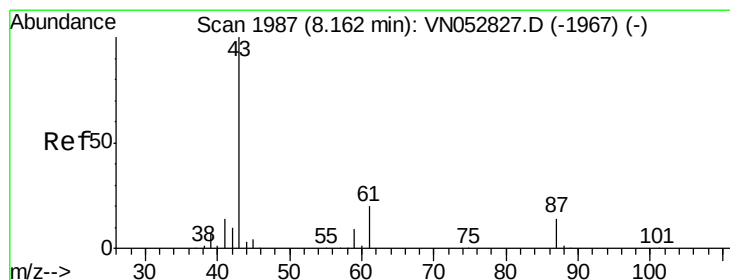
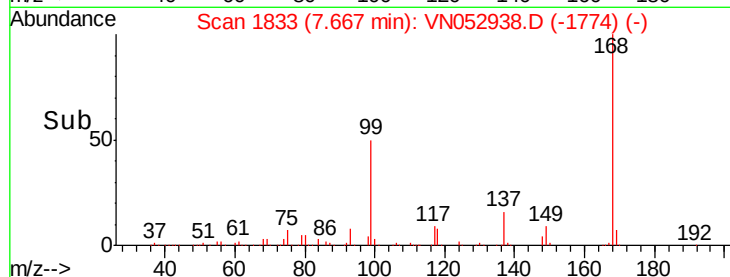
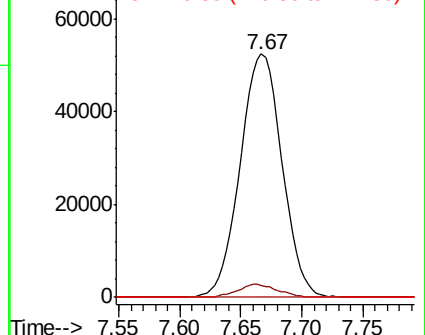
121 0.0 24.9 37.3#



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: 33.129 ug/l

RT: 8.29 min Scan# 2026

Delta R.T. 0.13 min

Lab File: VN052938.D

Acq: 17 Dec 2018 20:05

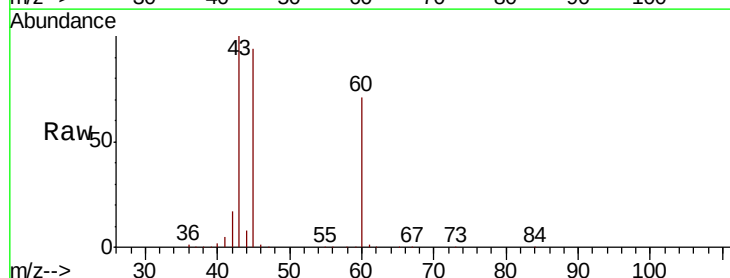
Tgt Ion: 43 Resp: 836452

Ion Ratio Lower Upper

43 100

61 0.0 22.9 34.3#

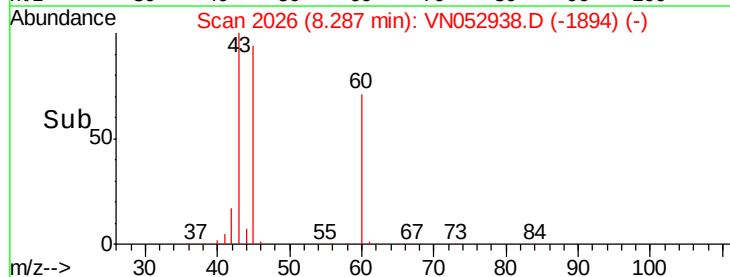
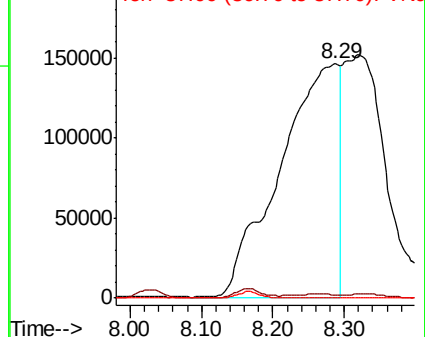
87 0.0 10.6 15.8#

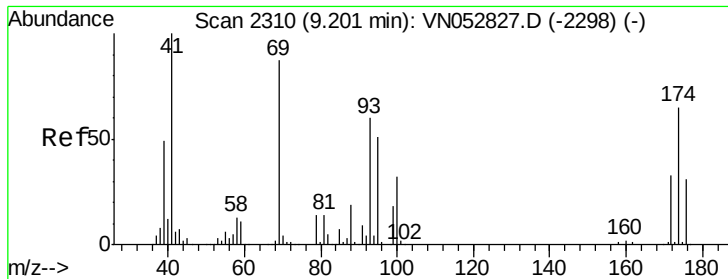


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

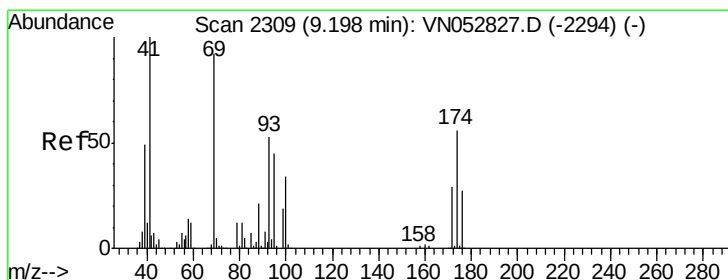
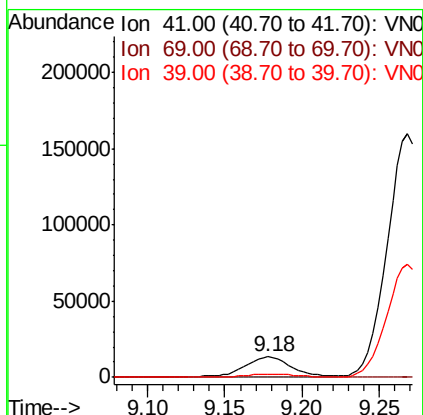
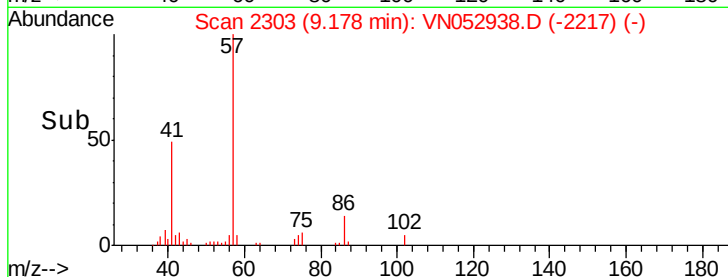
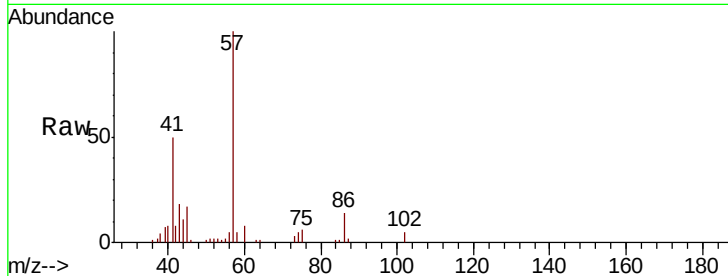




#48
Methvl methacrylate
Concen: 2.373 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN052938.D
Acq: 17 Dec 2018 20:05

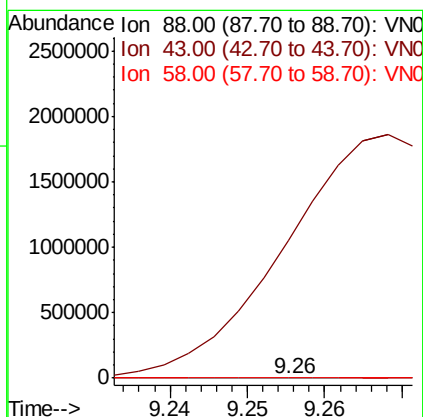
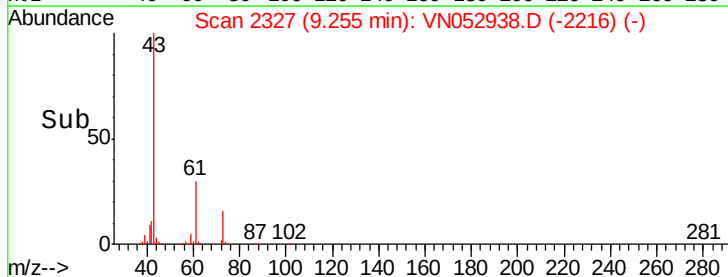
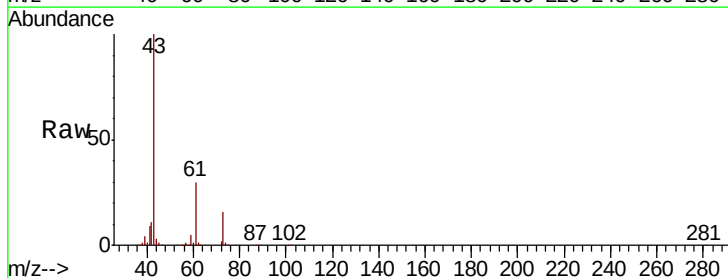
Instrument :
MSVOA_N
ClientSampled :

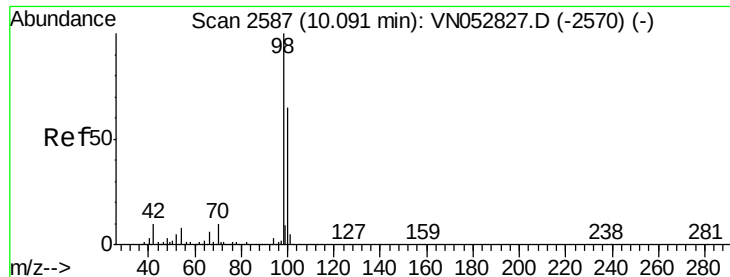
Tot Ion: 41 Resp: 26280
Ion Ratio Lower Upper
41 100
69 0.0 72.2 108.2#
39 18.7 41.9 62.9#



#49
1,4-Dioxane
Concen: 1.933 ug/l
RT: 9.26 min Scan# 2327
Delta R.T. 0.06 min
Lab File: VN052938.D
Acq: 17 Dec 2018 20:05

Tgt Ion: 88 Resp: 243
Ion Ratio Lower Upper
88 100
43 1378407.0 26.6 40.0#
58 5493.0 58.4 87.6#





#50

Toluene-d8

Concen: 1.933 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052938.D

Acq: 17 Dec 2018 20:05

Instrument :

MSVOA_N

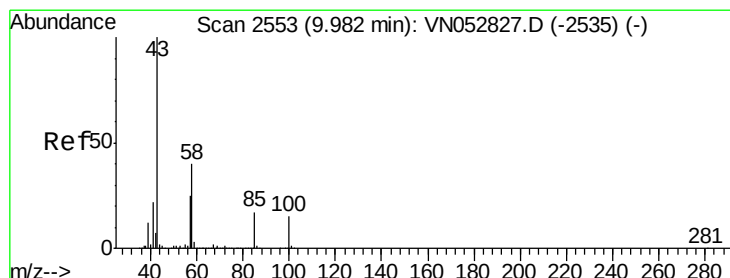
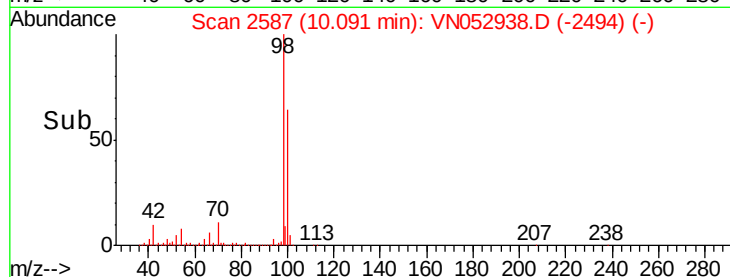
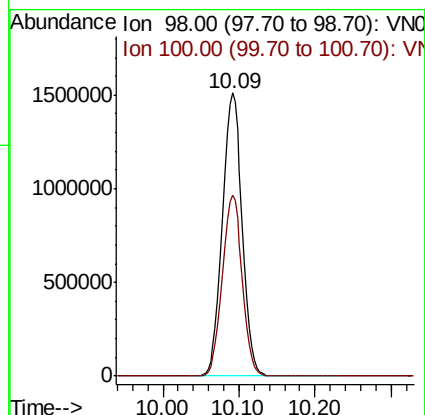
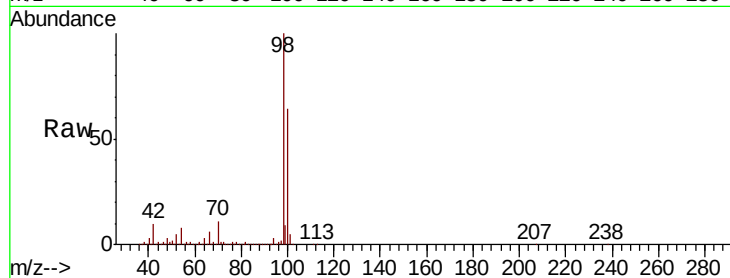
ClientSampleId :

Tot Ion: 98 Resp: 2728547

Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4



#51

4-Methyl-2-Pentanone

Concen: 2.167 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN052938.D

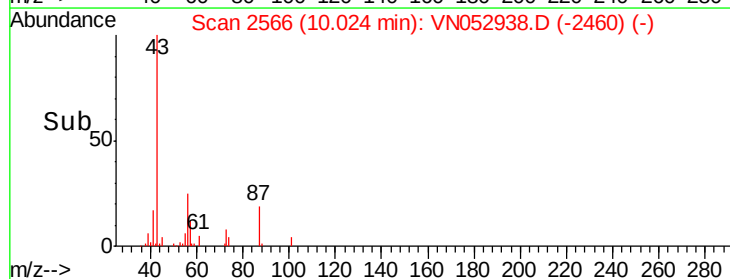
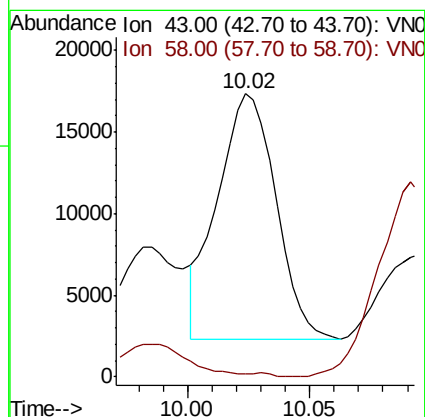
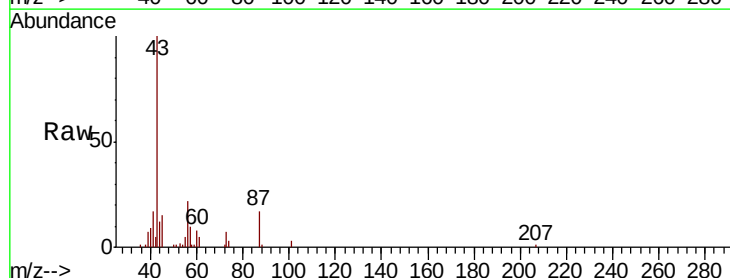
Acq: 17 Dec 2018 20:05

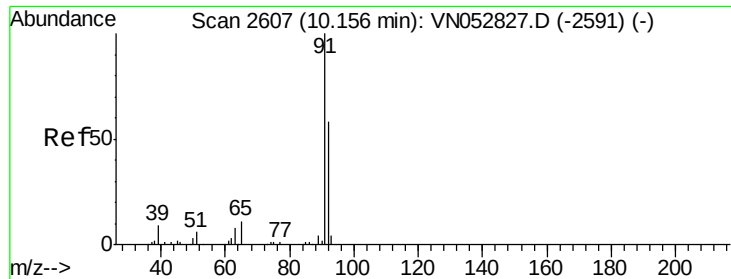
Tgt Ion: 43 Resp: 25093

Ion Ratio Lower Upper

43 100

58 0.0 32.2 48.4#





#52

Toluene

Concen: 0.211 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN052938.D

Acq: 17 Dec 2018 20:05

Instrument :

MSVOA_N

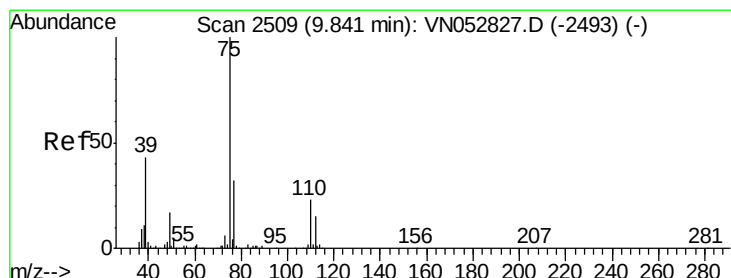
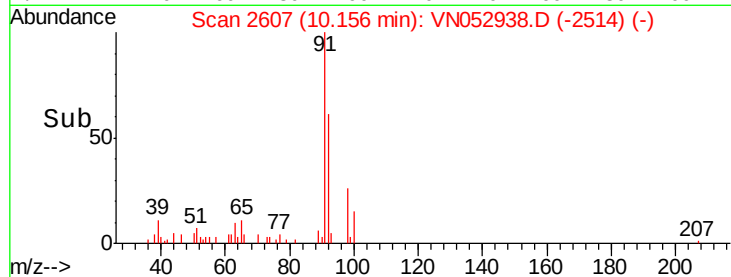
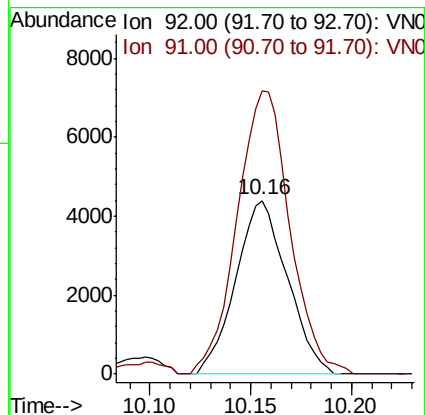
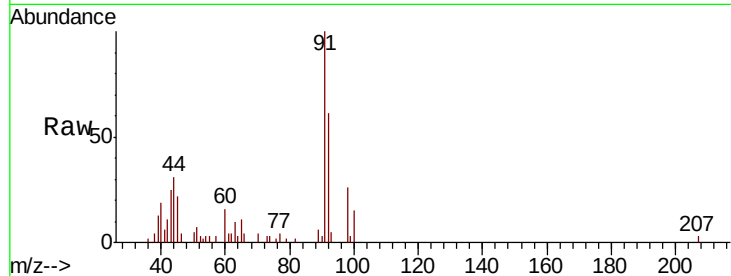
ClientSampleId :

Tot Ion: 92 Resp: 7856

Ion Ratio Lower Upper

92 100

91 167.0 139.8 209.6



#54

cis-1,3-Dichloropropene

Concen: 7.962 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN052938.D

Acq: 17 Dec 2018 20:05

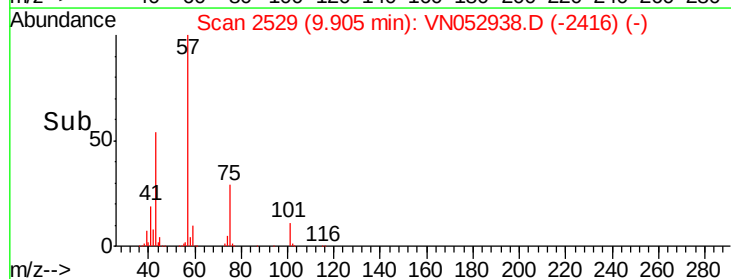
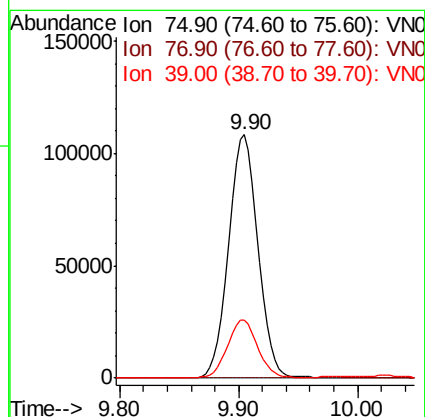
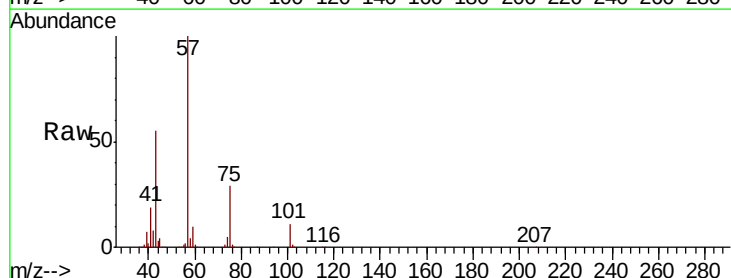
Tgt Ion: 75 Resp: 185033

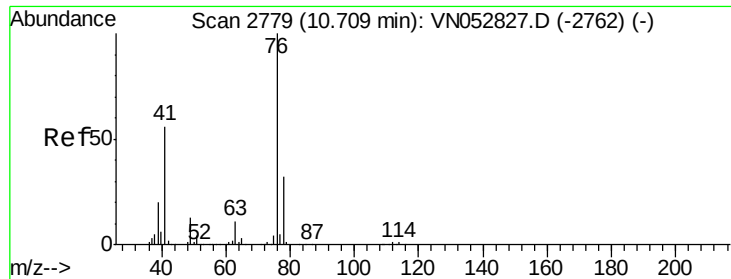
Ion Ratio Lower Upper

75 100

77 0.4 25.8 38.8#

39 23.9 34.8 52.2#

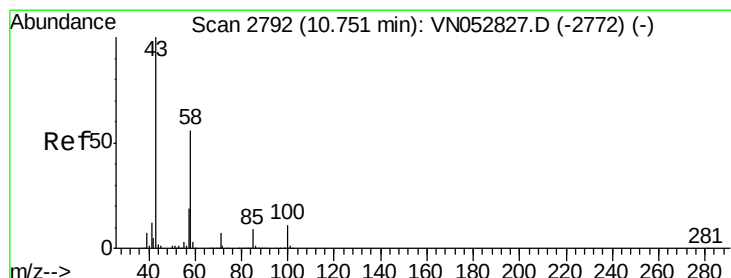
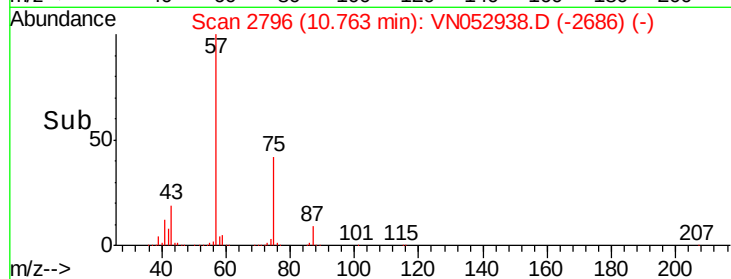
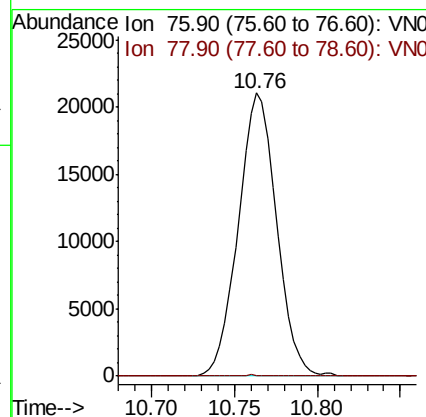
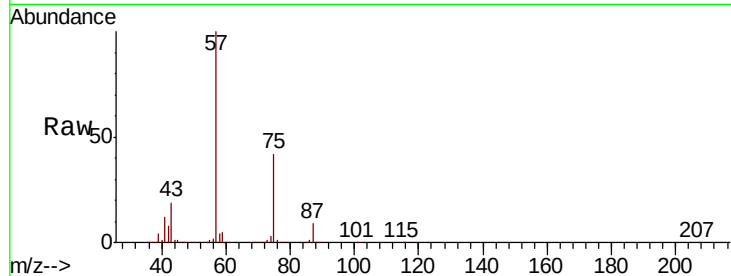




#57
 1,3-Dichloropropane
 Concen: 1.477 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.05 min
 Lab File: VN052938.D
 Acq: 17 Dec 2018 20:05

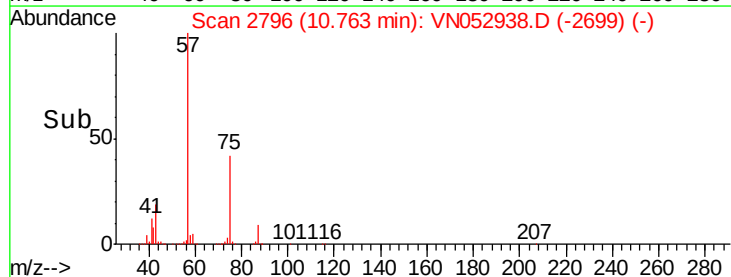
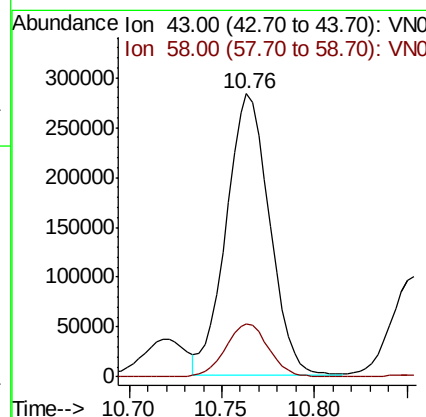
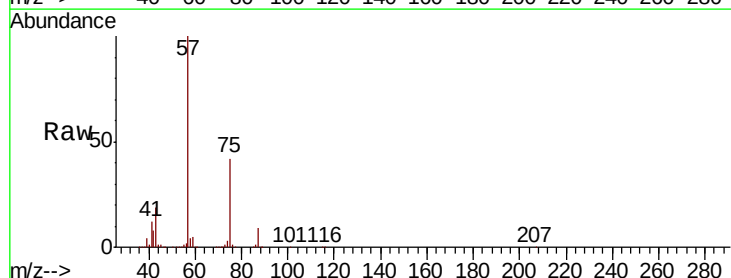
Instrument :
 MSVOA_N
 ClientSampleId :

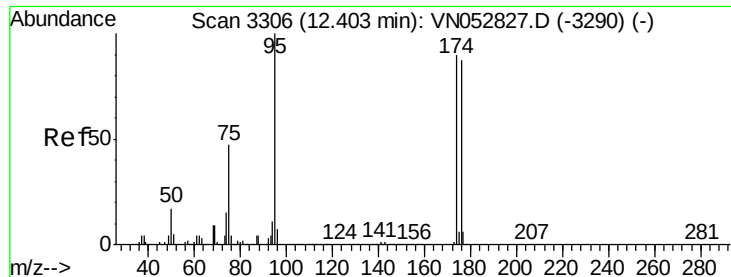
Tot Ion: 76 Resp: 33690
 Ion Ratio Lower Upper
 76 100
 78 0.1 25.8 38.8#



#59
 2-Hexanone
 Concen: 57.525 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN052938.D
 Acq: 17 Dec 2018 20:05

Tgt Ion: 43 Resp: 456411
 Ion Ratio Lower Upper
 43 100
 58 19.0 28.1 84.3#

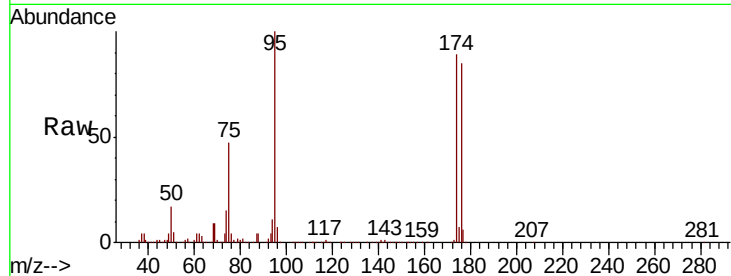




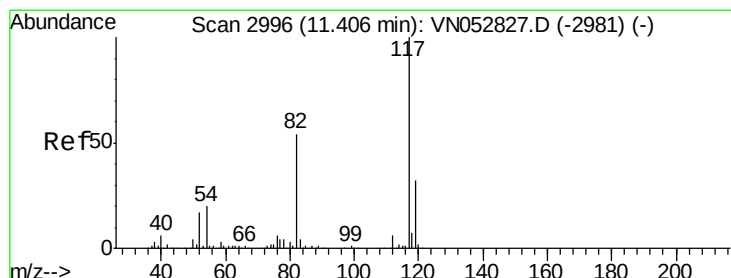
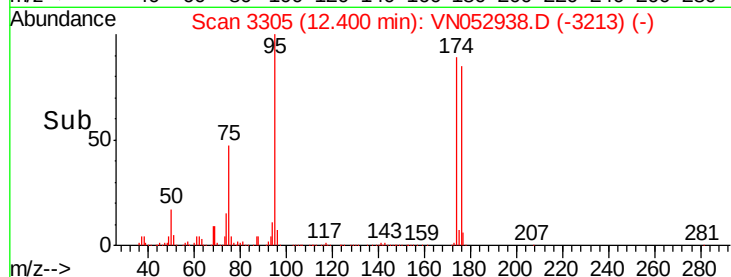
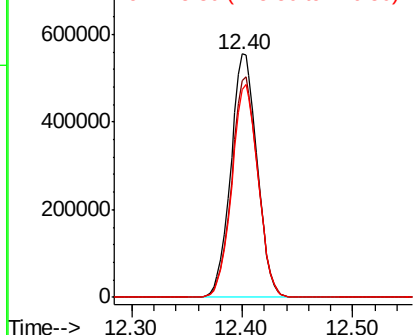
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052938.D
Acq: 17 Dec 2018 20:05

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 95 Resp: 919084
Ion Ratio Lower Upper
95 100
174 89.6 0.0 178.8
176 86.9 0.0 173.8

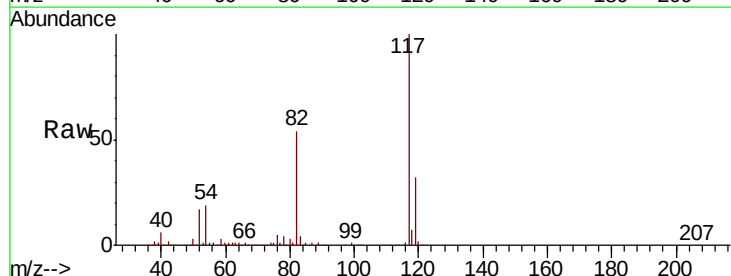


Abundance Ion 94.90 (94.60 to 95.60): VN052827.D (-3290) (-)
Ion 173.80 (173.50 to 174.50): VN052827.D (-3290) (-)
Ion 175.80 (175.50 to 176.50): VN052827.D (-3290) (-)

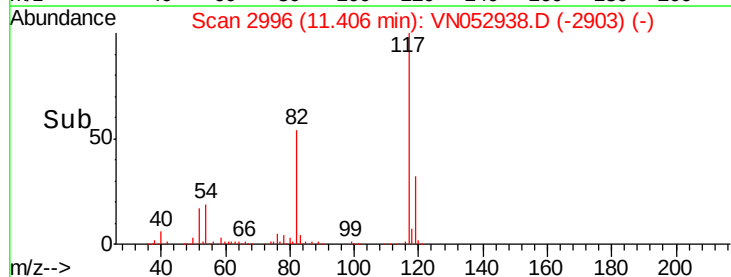
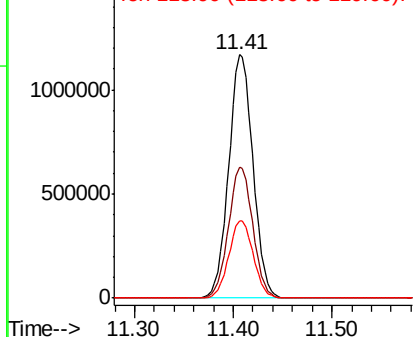


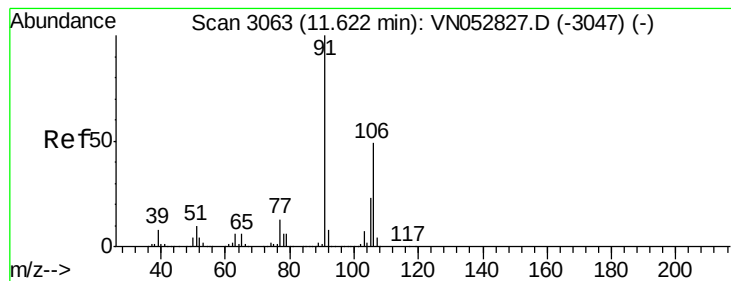
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052938.D
Acq: 17 Dec 2018 20:05

Tgt Ion: 117 Resp: 2013960
Ion Ratio Lower Upper
117 100
82 53.9 42.8 64.2
119 31.9 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN052827.D (-2981) (-)
Ion 82.00 (81.70 to 82.70): VN052827.D (-2981) (-)
Ion 118.90 (118.60 to 119.60): VN052827.D (-2981) (-)





#68

m/p-Xylenes

Concen: 0.622 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN052938.D

Acq: 17 Dec 2018 20:05

Instrument :

MSVOA_N

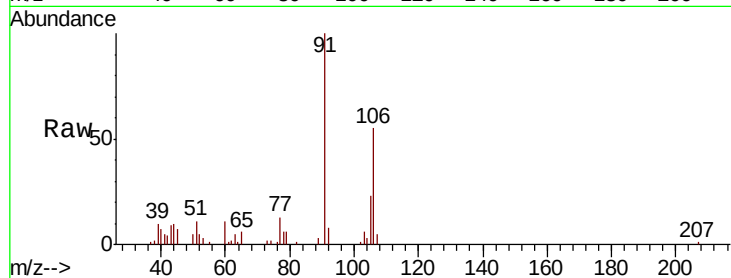
ClientSampleId :

Tot Ion:106 Resp: 16754

Ion Ratio Lower Upper

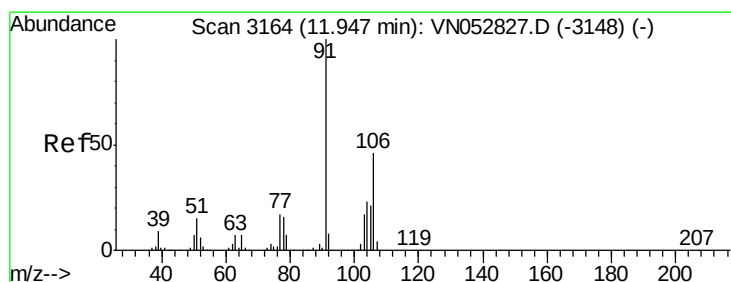
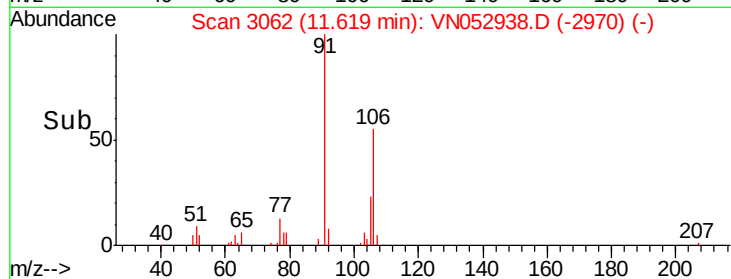
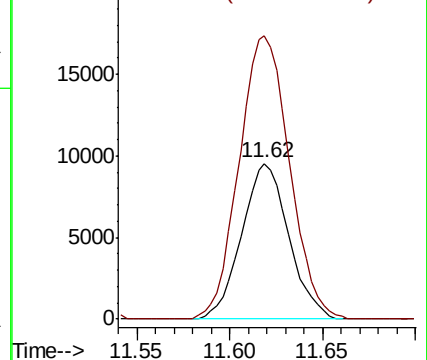
106 100

91 195.2 162.2 243.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#69

o-Xylene

Concen: 0.298 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. -0.00 min

Lab File: VN052938.D

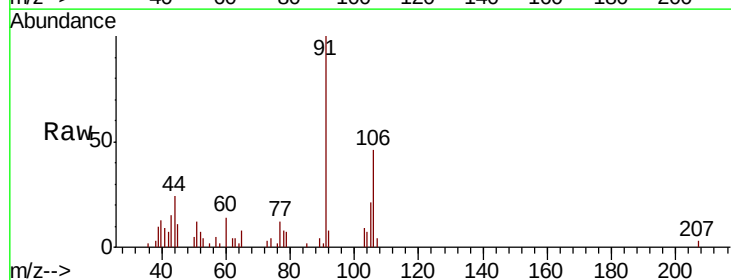
Acq: 17 Dec 2018 20:05

Tgt Ion:106 Resp: 7833

Ion Ratio Lower Upper

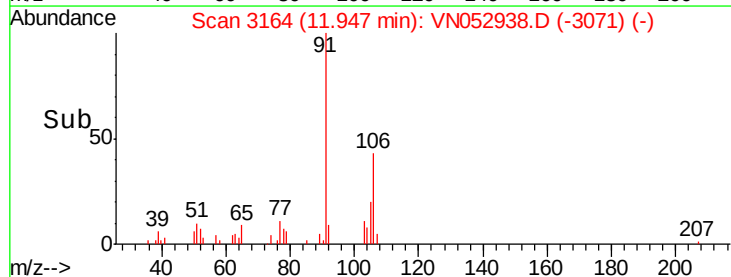
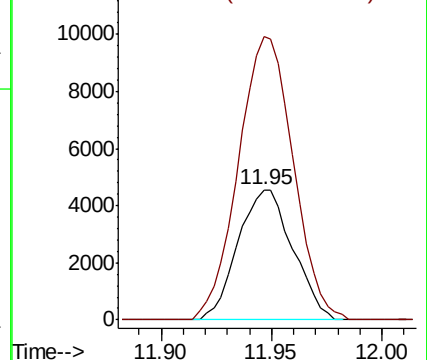
106 100

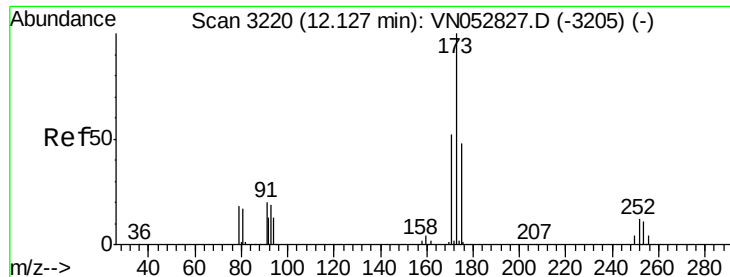
91 218.3 106.6 319.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN





#71

Bromoform

Concen: 0.561 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN052938.D

Acq: 17 Dec 2018 20:05

Instrument :

MSVOA_N

ClientSampled :

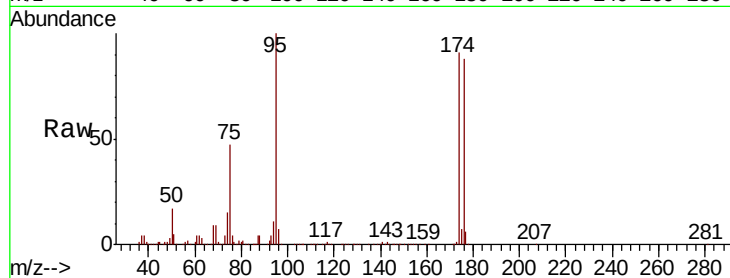
Tot Ion:173 Resp: 5543

Ion Ratio Lower Upper

173 100

175 968.1 24.3 72.9#

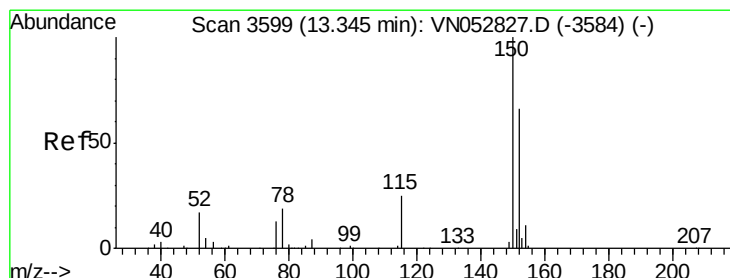
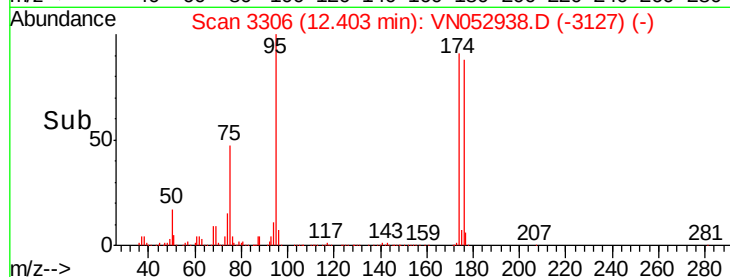
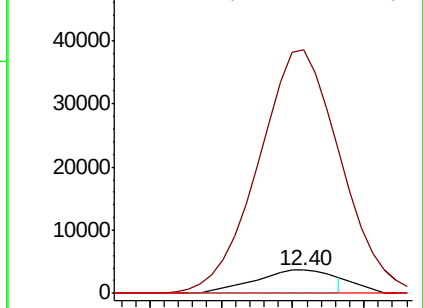
254 0.0 0.1 0.1#



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: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN052938.D

Acq: 17 Dec 2018 20:05

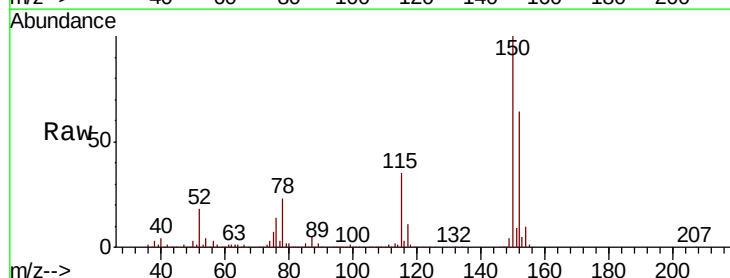
Tgt Ion:152 Resp: 847130

Ion Ratio Lower Upper

152 100

115 56.0 28.3 85.0

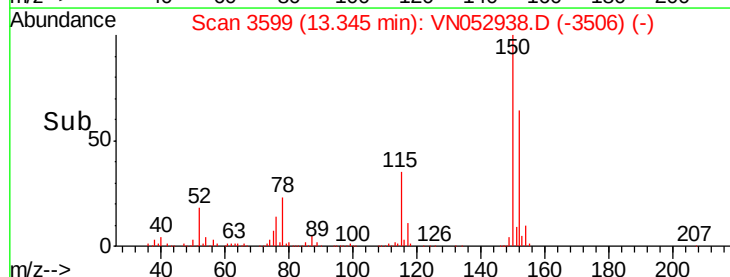
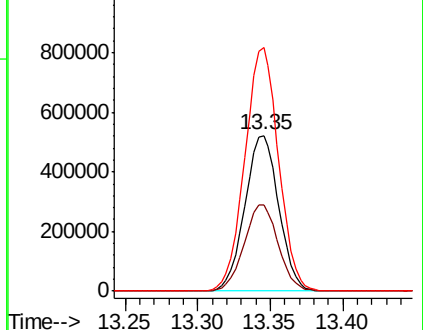
150 155.9 0.0 347.8

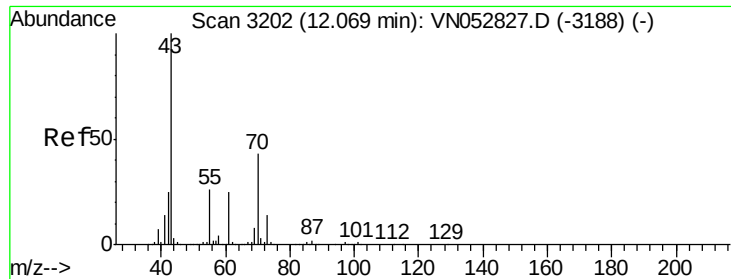


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

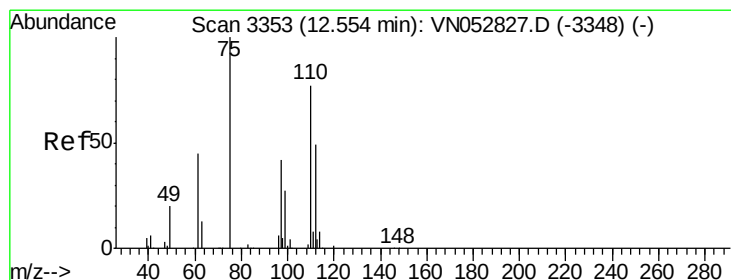
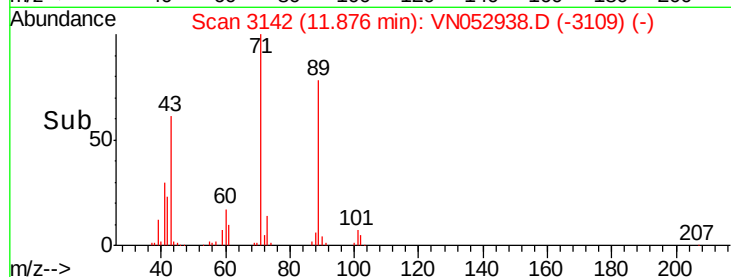
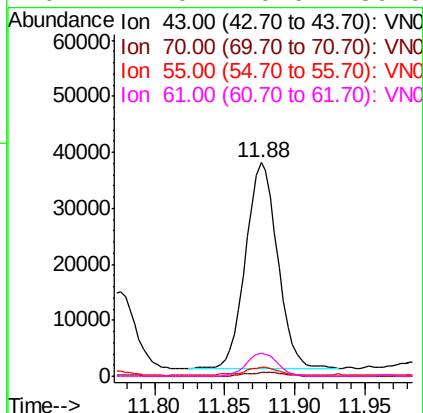
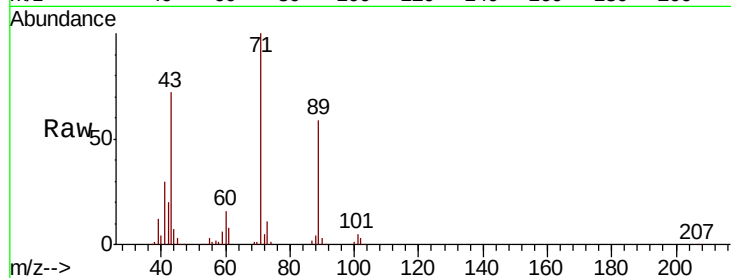




#74
N-amvl acetate
Concen: 3.370 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN052938.D
Acq: 17 Dec 2018 20:05

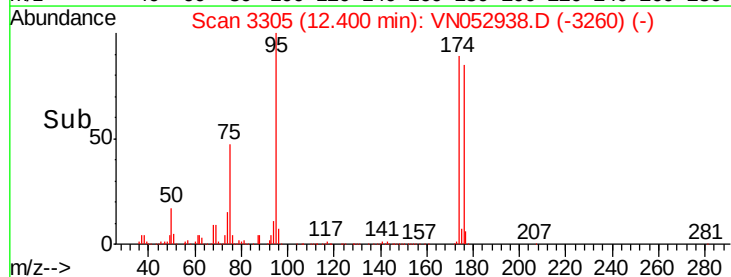
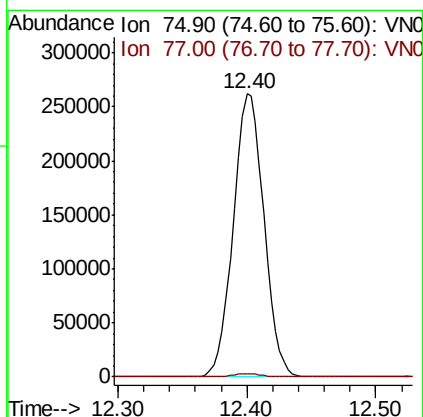
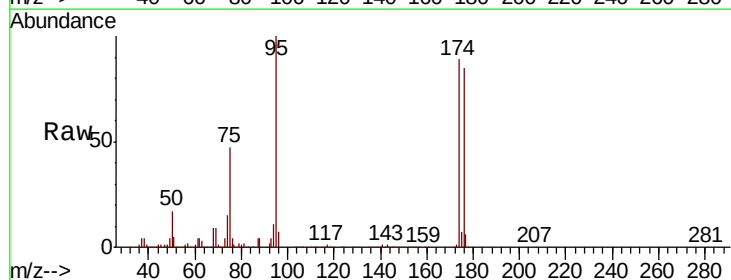
Instrument :
MSVOA_N
ClientSampleId :

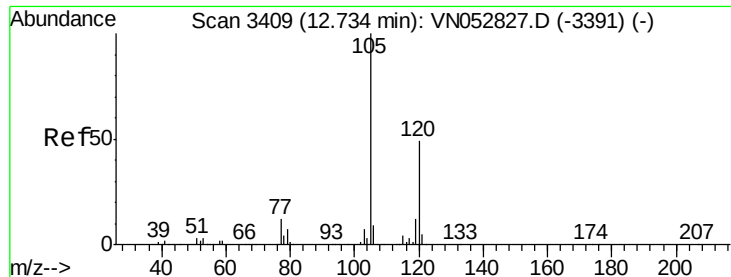
Tot Ion: 43 Resp: 58523
Ion Ratio Lower Upper
43 100
70 2.2 34.2 51.4#
55 5.2 20.3 30.5#
61 11.0 20.0 30.0#



#76
1,2,3-Trichloropropane
Concen: 34.578 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN052938.D
Acq: 17 Dec 2018 20:05

Tgt Ion: 75 Resp: 432166
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#

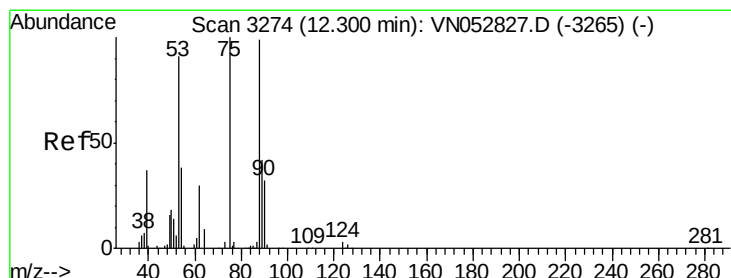
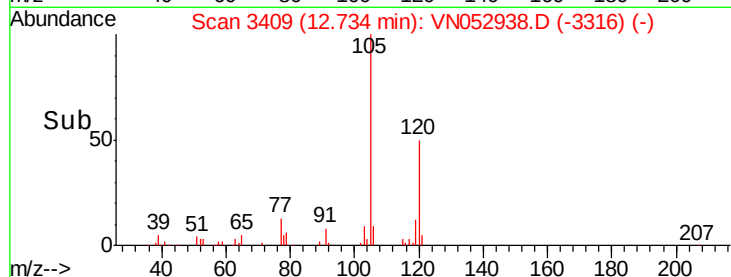
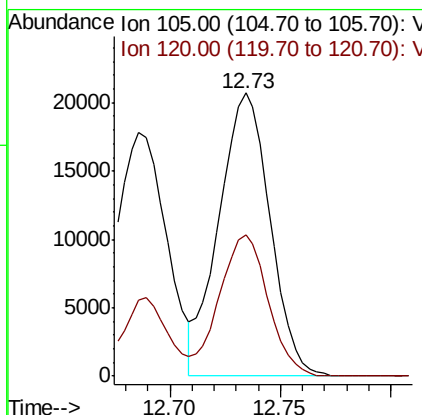
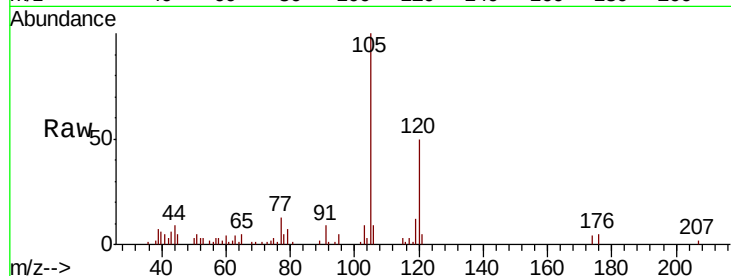




#80
 1,3,5-Trimethylbenzene
 Concen: 0.652 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. -0.00 min
 Lab File: VN052938.D
 Acq: 17 Dec 2018 20:05

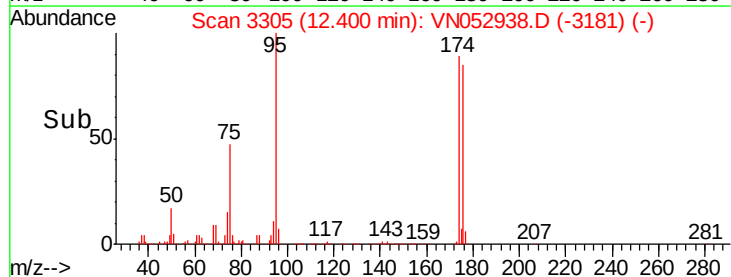
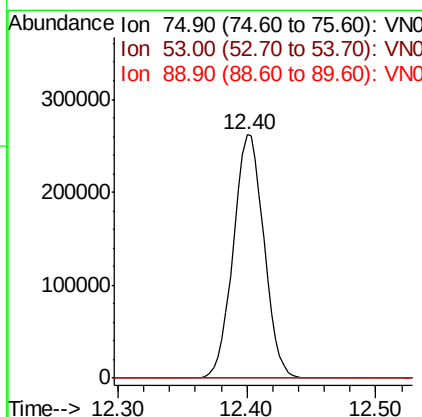
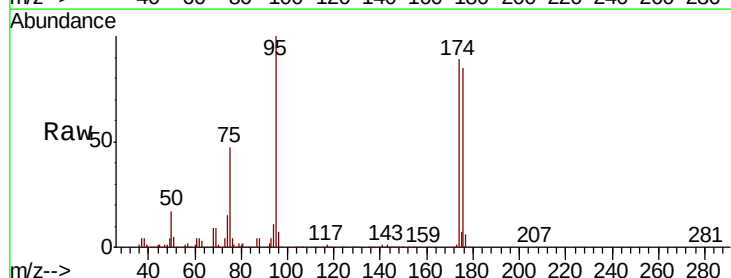
Instrument :
 MSVOA_N
 ClientSampled :

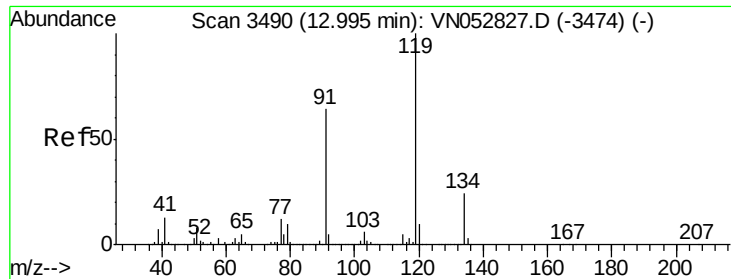
Tot Ion:105 Resp: 33289
 Ion Ratio Lower Upper
 105 100
 120 47.5 24.4 73.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.080 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN052938.D
 Acq: 17 Dec 2018 20:05

Tgt Ion: 75 Resp: 432166
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.7 112.1#
 89 0.0 36.1 54.1#

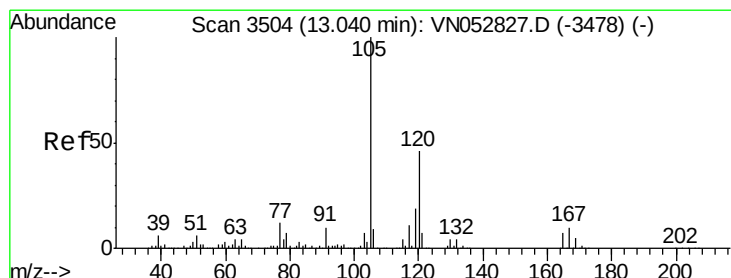
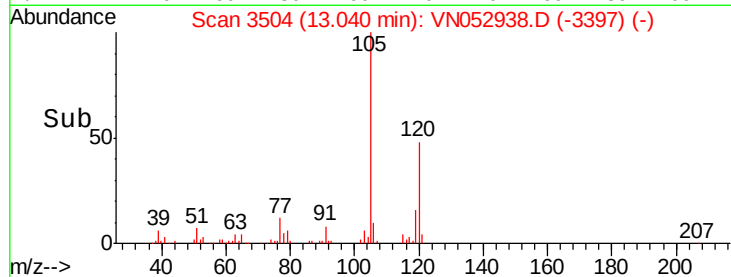
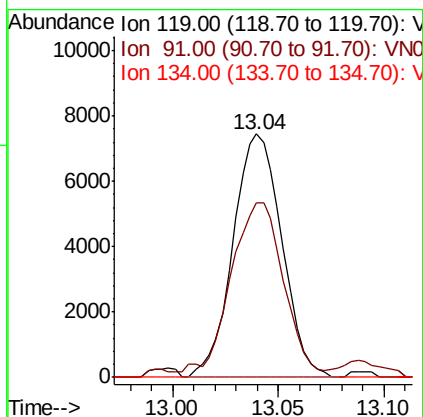
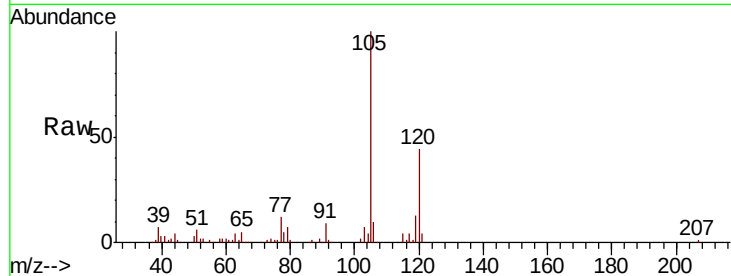




#83
 tert-Butylbenzene
 Concen: 0.265 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.04 min
 Lab File: VN052938.D
 Acq: 17 Dec 2018 20:05

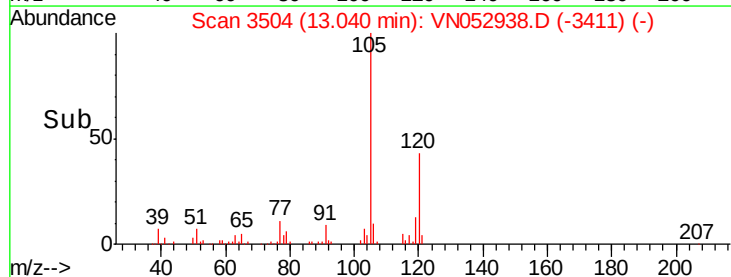
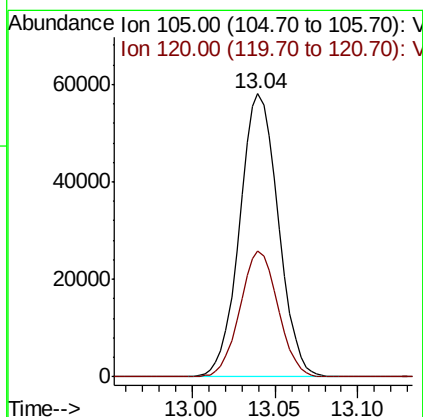
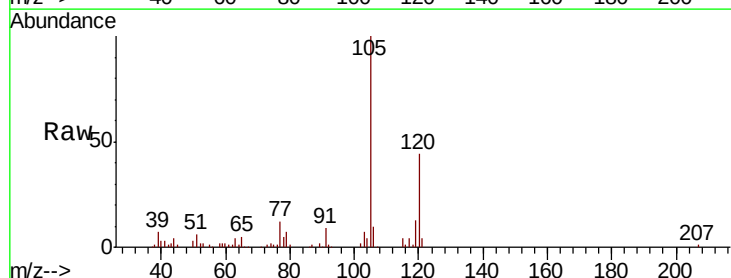
Instrument :
 MSVOA_N
 ClientSampled :

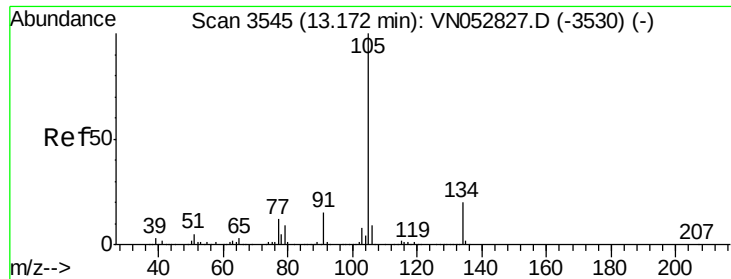
Tot Ion:119 Resp: 11924
 Ion Ratio Lower Upper
 119 100
 91 78.9 31.9 95.5
 134 0.0 12.8 38.4#



#84
 1,2,4-Trimethylbenzene
 Concen: 1.819 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN052938.D
 Acq: 17 Dec 2018 20:05

Tgt Ion:105 Resp: 94033
 Ion Ratio Lower Upper
 105 100
 120 43.6 22.9 68.8





#85

sec-Butylbenzene

Concen: 1.542 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN052938.D

Acq: 17 Dec 2018 20:05

Instrument :

MSVOA_N

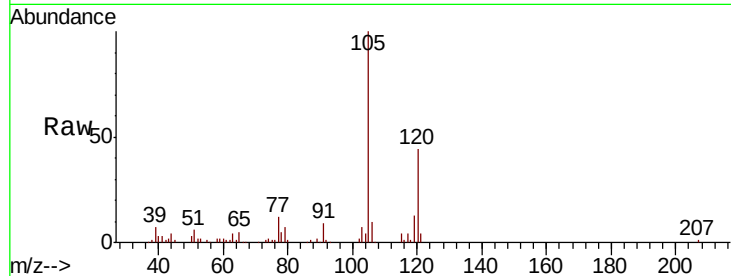
ClientSampleId :

Tot Ion:105 Resp: 94033

Ion Ratio Lower Upper

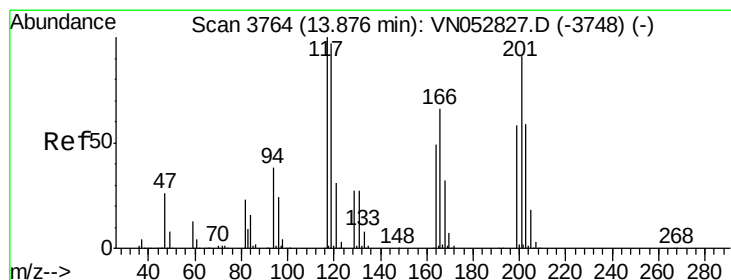
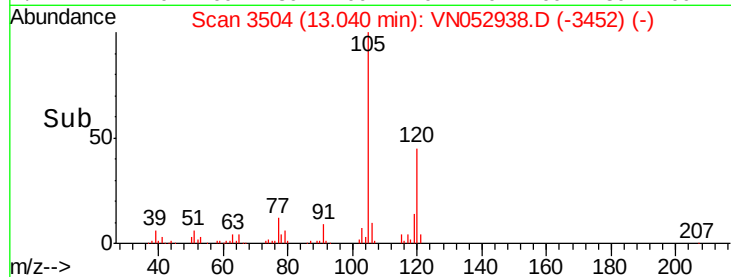
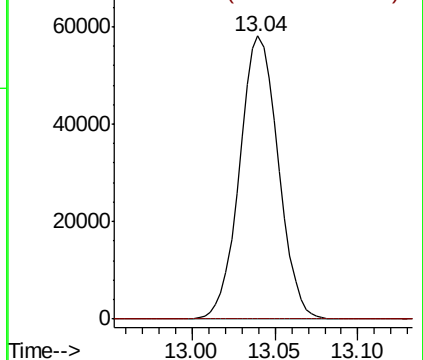
105 100

134 0.0 10.1 30.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 0.710 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN052938.D

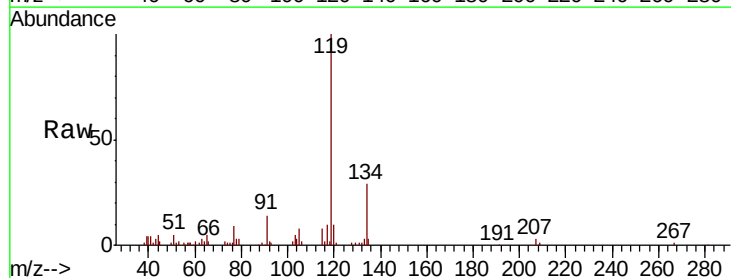
Acq: 17 Dec 2018 20:05

Tgt Ion:117 Resp: 6285

Ion Ratio Lower Upper

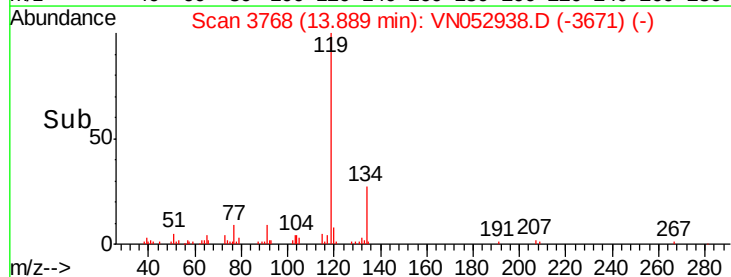
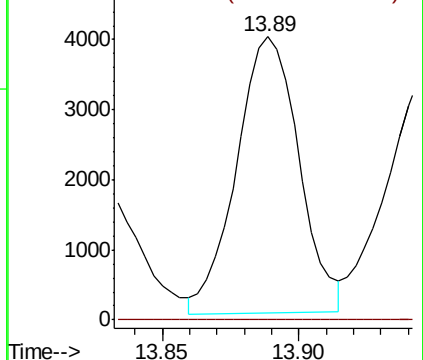
117 100

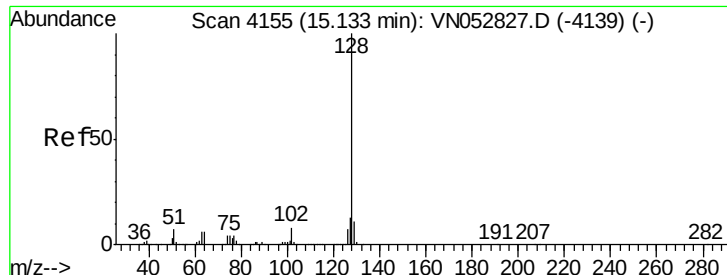
201 0.0 45.7 137.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#95

Naphthalene

Concen: 66.753 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052938.D

Acq: 17 Dec 2018 20:05

Instrument :

MSVOA_N

ClientSampleId :

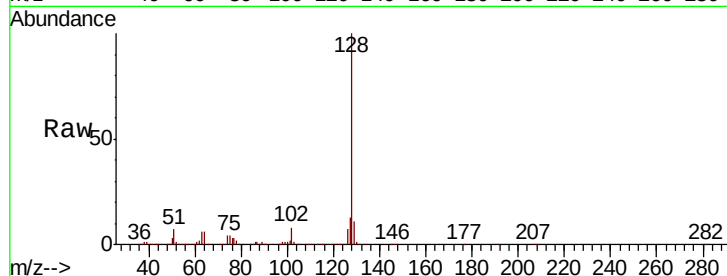
Tot Ion:128 Resp: 2066716

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.9 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

