

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040219\
 Data File : VN054908.D
 Acq On : 2 Apr 2019 18:02
 Operator : JC/SP
 Sample : K1695-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 03 05:08:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

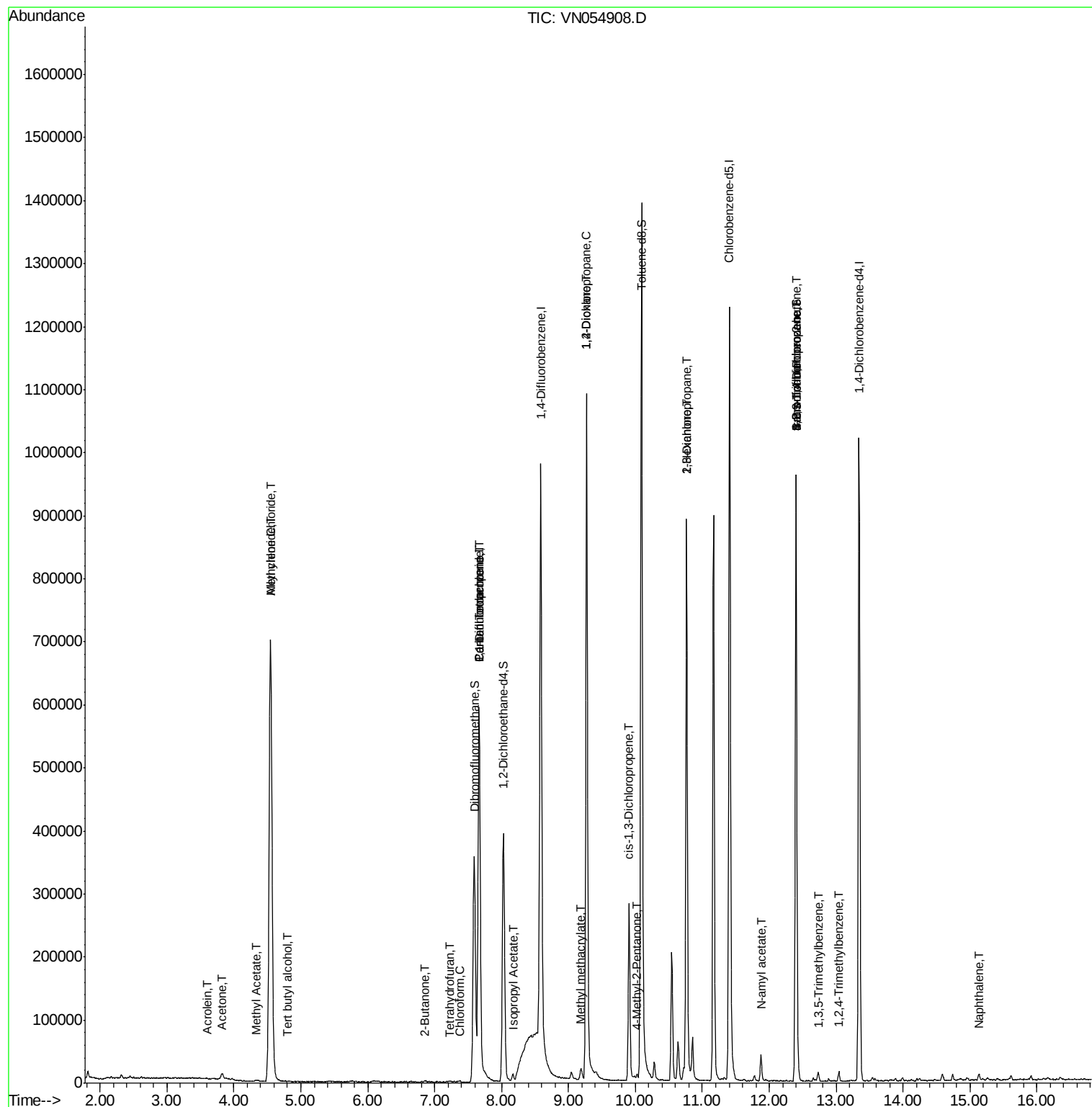
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	516937	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	852891	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	751301	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	272762	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	339607	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
35) Dibromofluoromethane	7.59	113	271760	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
50) Toluene-d8	10.09	98	1033410	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
62) 4-Bromofluorobenzene	12.40	95	324285	46.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.24%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.69	94	64	Below Cal	#	2
11) Tert butyl alcohol	4.80	59	139	0.383	ug/l #	70
13) Acrolein	3.61	56	478	1.473	ug/l #	50
14) Allyl chloride	4.55	41	21847	2.183	ug/l #	22
16) Acetone	3.82	43	15602	9.389	ug/l #	82
18) Methyl Acetate	4.34	43	4877	0.212	ug/l #	68
20) Methylene Chloride	4.55	84	498162	84.987	ug/l #	81
25) 2-Butanone	6.85	43	2622	1.067	ug/l #	89
29) Tetrahydrofuran	7.23	42	908	0.532	ug/l #	59
30) Chloroform	7.37	83	2163	0.215	ug/l #	83
31) Cyclohexane	7.66	56	10710	Below Cal	#	1
36) 1,1-Dichloropropene	7.67	75	38419	4.834	ug/l #	48
38) Carbon Tetrachloride	7.66	117	47478	6.151	ug/l #	16
43) Isopropyl Acetate	8.17	43	13354	1.410	ug/l #	90
45) 1,2-Dichloropropane	9.27	63	1366	0.211	ug/l #	43
48) Methyl methacrylate	9.18	41	8340	1.625	ug/l #	11
49) 1,4-Dioxane	9.27	88	97	1.904	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	6967	1.309	ug/l #	36
54) cis-1,3-Dichloropropene	9.90	75	45147	5.300	ug/l #	75
57) 1,3-Dichloropropane	10.76	76	8331	0.963	ug/l #	43
59) 2-Hexanone	10.77	43	146060	42.855	ug/l #	47
71) Bromoform	12.40	173	3333	1.033	ug/l #	1
74) N-amyl acetate	11.88	43	14814	2.133	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	12.40	83	212	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	170444	35.970	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	6606	0.361	ug/l	92
81) trans-1,4-Dichloro-2-buten	12.40	75	170444	139.914	ug/l #	11
83) tert-Butylbenzene	13.04	119	1056	Below Cal	#	73
84) 1,2,4-Trimethylbenzene	13.04	105	8563	0.491	ug/l	94
95) Naphthalene	15.14	128	7958	0.810	ug/l	96

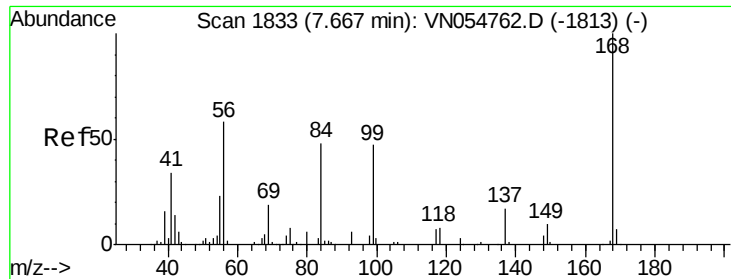
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054908.D

Acq: 2 Apr 2019 18:02

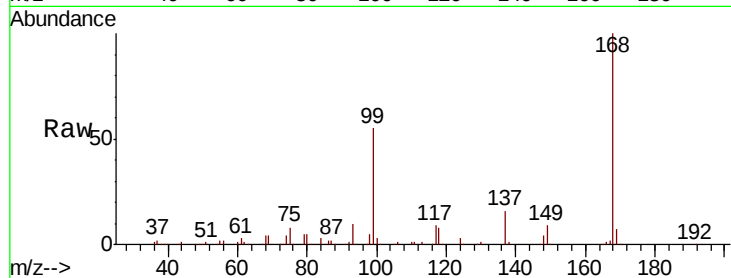
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 516937

Ion Ratio Lower Upper

168 100

99 55.0 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054762.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN054762.D (-1813) (-)

7.67

200000

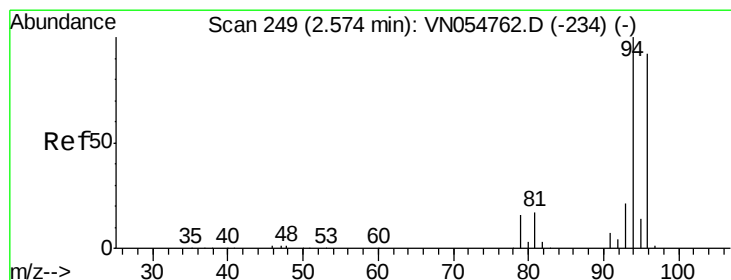
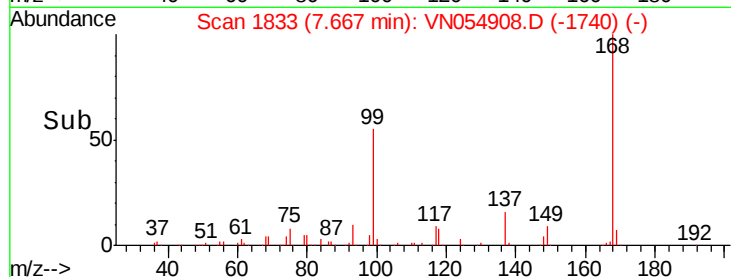
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.69 min Scan# 284

Delta R.T. 0.11 min

Lab File: VN054908.D

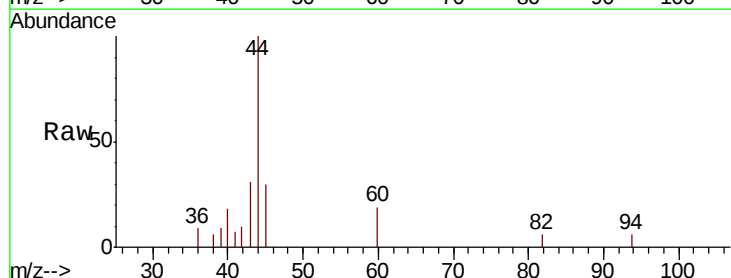
Acq: 2 Apr 2019 18:02

Tgt Ion: 94 Resp: 64

Ion Ratio Lower Upper

94 100

96 0.0 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VN054762.D (-234) (-)

Ion 95.90 (95.60 to 96.60): VN054762.D (-234) (-)

2.69

200

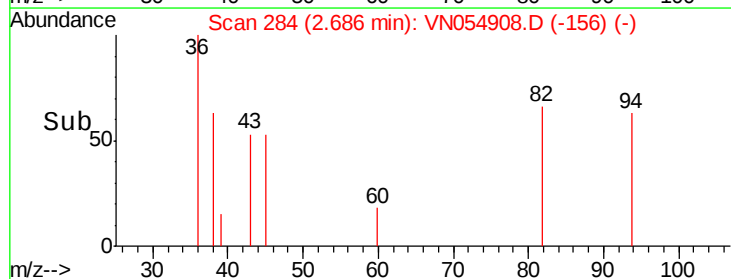
150

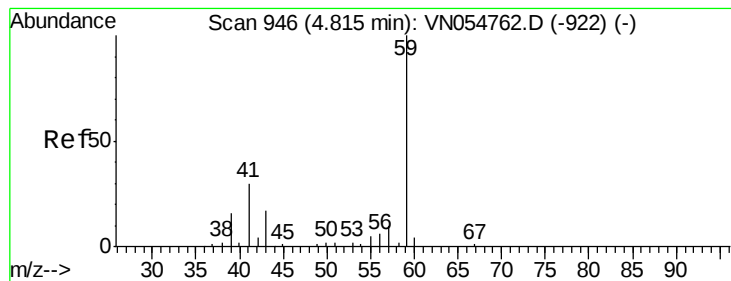
100

50

0

Time-->



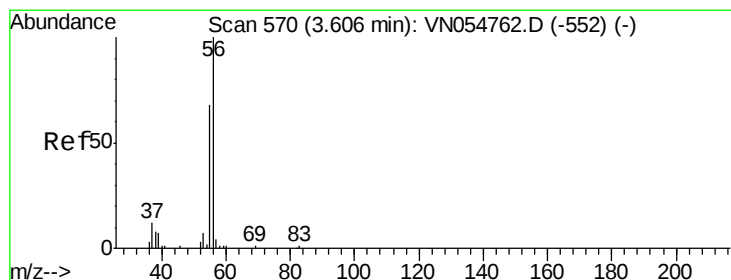
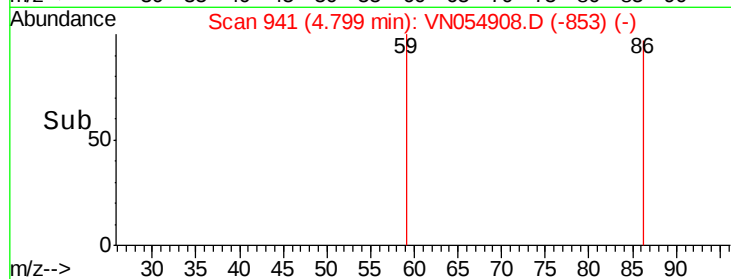
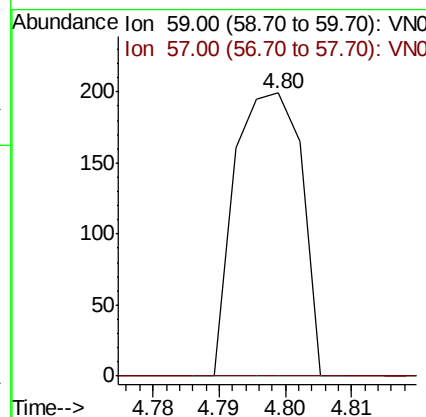
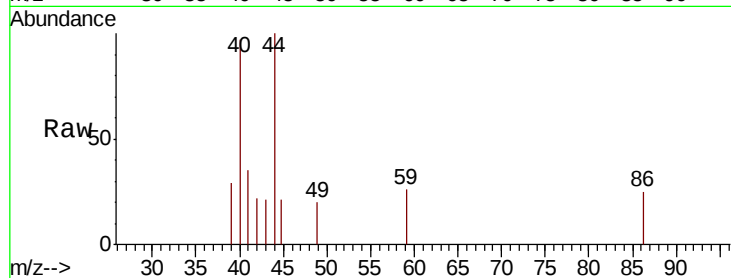


#11

Tert butyl alcohol
Concen: 0.383 ug/l
RT: 4.80 min Scan# 941
Delta R.T. -0.02 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Instrument :
MSVOA_N
ClientSampled :

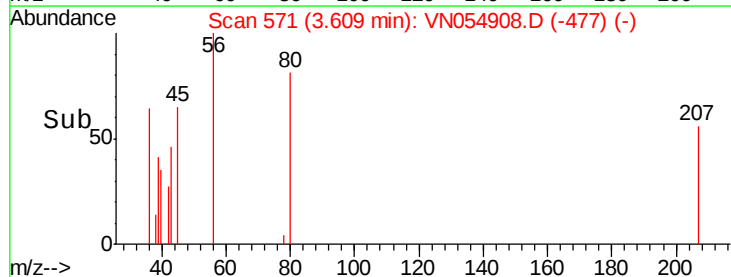
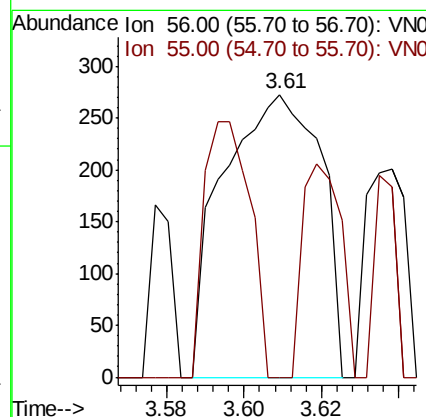
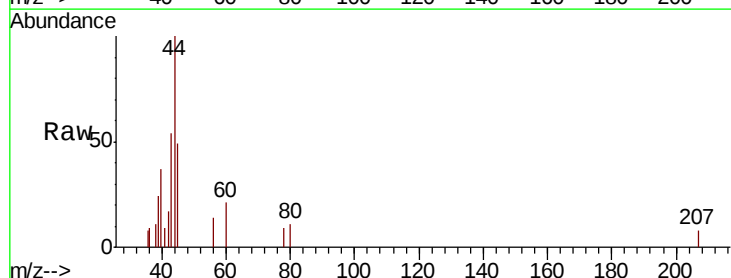
Tot Ion: 59 Resp: 139
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.6#

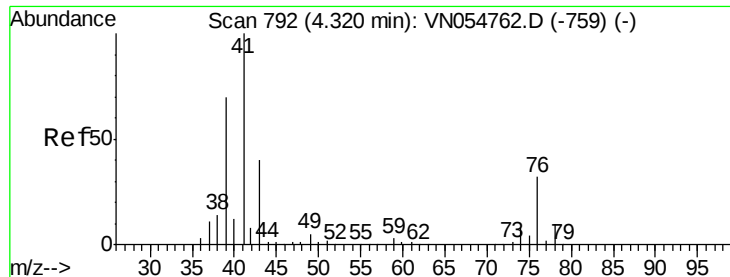


#13

Acrolein
Concen: 1.473 ug/l
RT: 3.61 min Scan# 571
Delta R.T. 0.00 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Tgt Ion: 56 Resp: 478
Ion Ratio Lower Upper
56 100
55 29.5 56.7 85.1#

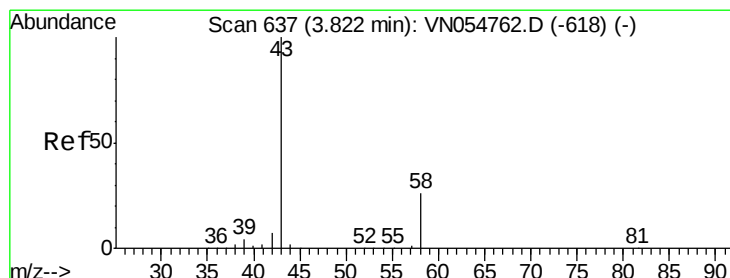
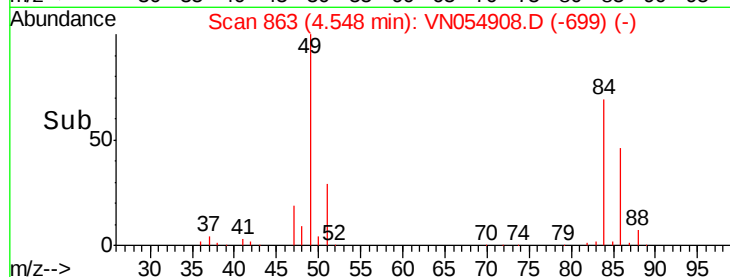
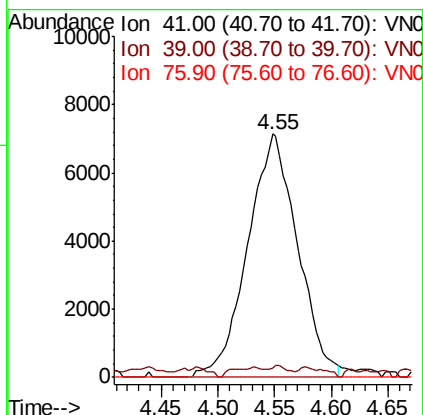
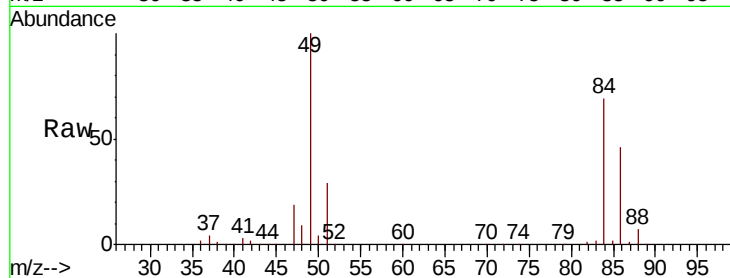




#14
Allvl chloride
Concen: 2.183 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.23 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

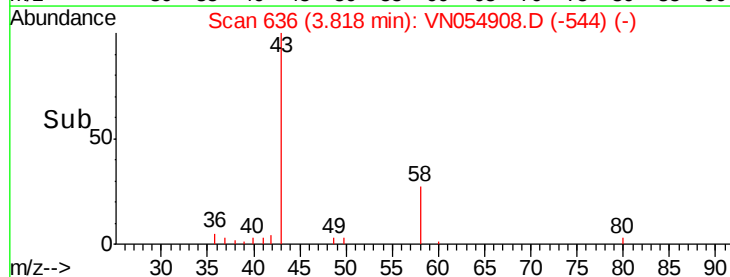
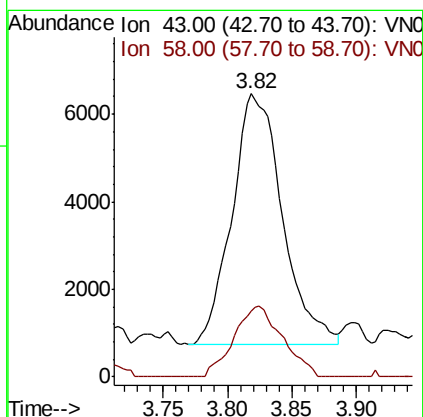
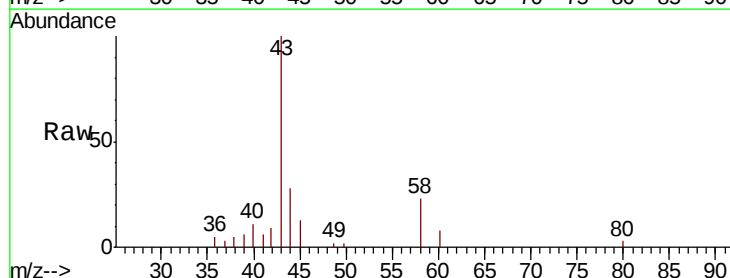
Instrument :
MSVOA_N
ClientSampleId :

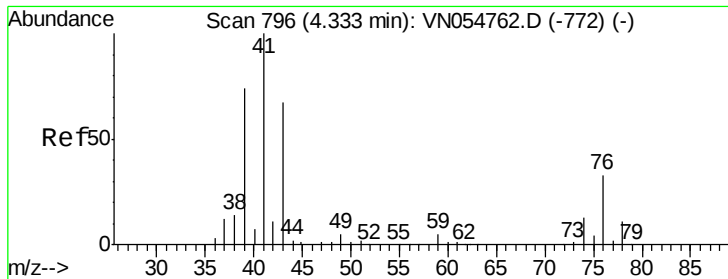
Tot Ion: 41 Resp: 21847
Ion Ratio Lower Upper
41 100
39 1.6 58.2 87.4#
76 0.0 31.7 47.5#



#16
Acetone
Concen: 9.389 ug/l
RT: 3.82 min Scan# 636
Delta R.T. -0.00 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Tgt Ion: 43 Resp: 15602
Ion Ratio Lower Upper
43 100
58 26.4 29.9 44.9#

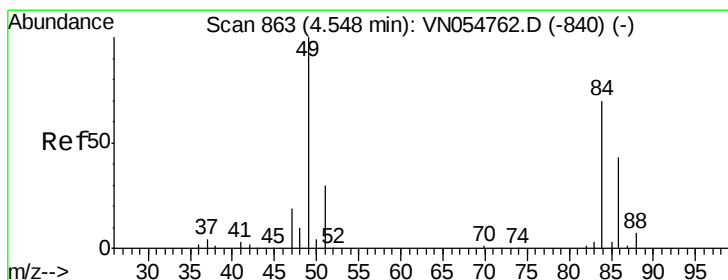
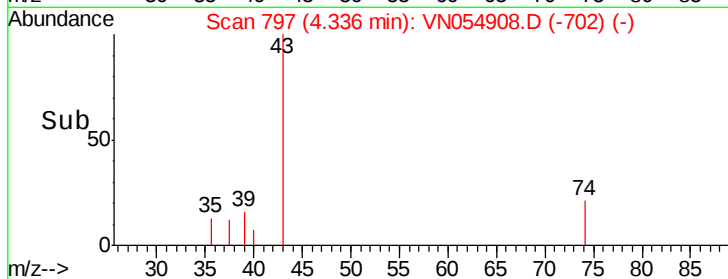
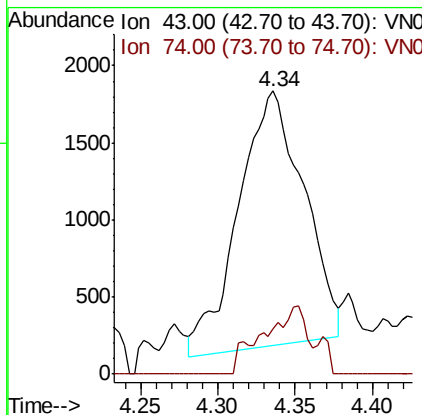
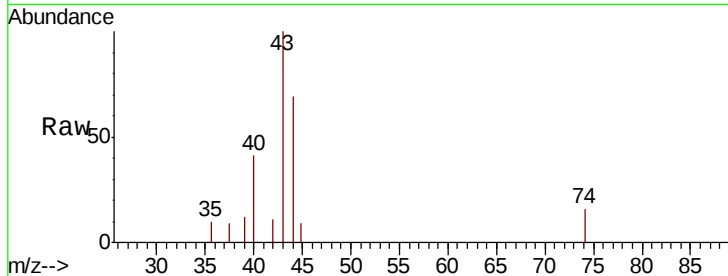




#18
Methyl Acetate
Concen: 0.212 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.00 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

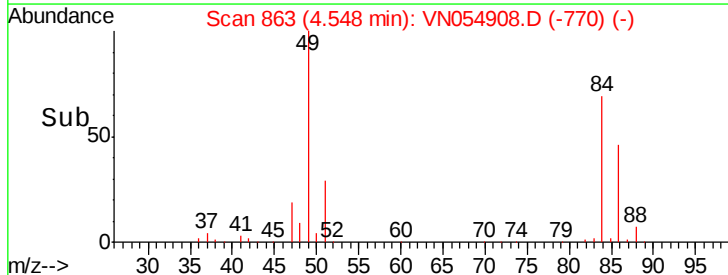
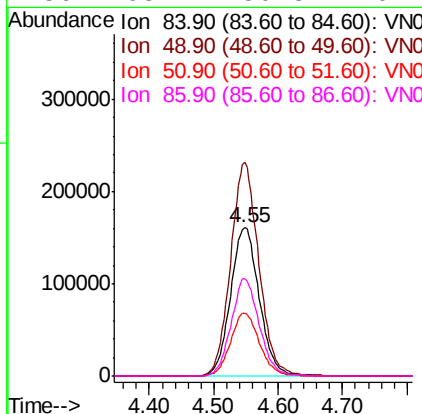
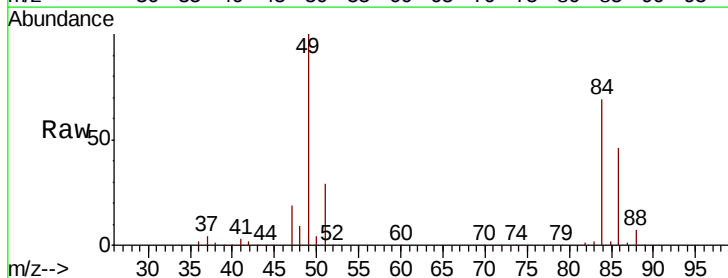
Instrument :
MSVOA_N
ClientSampled :

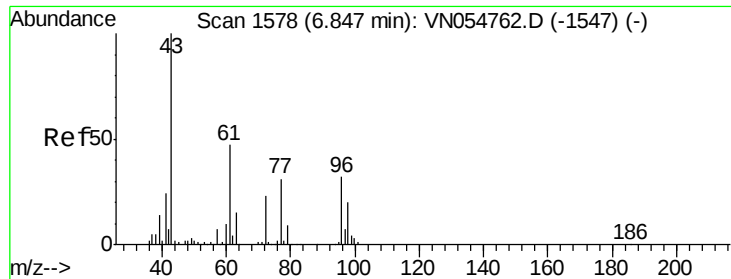
Tot Ion: 43 Resp: 4877
Ion Ratio Lower Upper
43 100
74 9.4 20.8 31.2#



#20
Methylene Chloride
Concen: 84.987 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.00 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Tgt Ion: 84 Resp: 498162
Ion Ratio Lower Upper
84 100
49 144.3 89.7 134.5#
51 42.5 28.2 42.4#
86 65.7 50.8 76.2





#25

2-Butanone

Concen: 1.067 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. 0.01 min

Lab File: VN054908.D

Acq: 2 Apr 2019 18:02

Instrument :

MSVOA_N

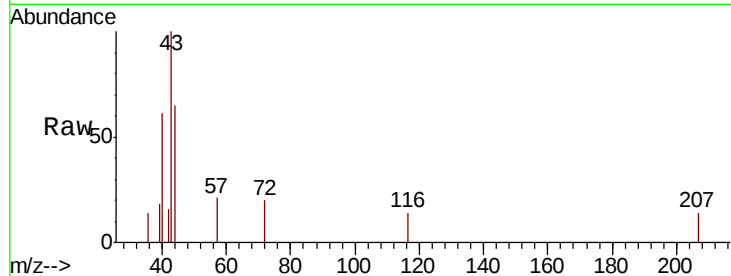
ClientSampled :

Tot Ion: 43 Resp: 2622

Ion Ratio Lower Upper

43 100

72 23.0 23.0 34.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.85

1200

1000

800

600

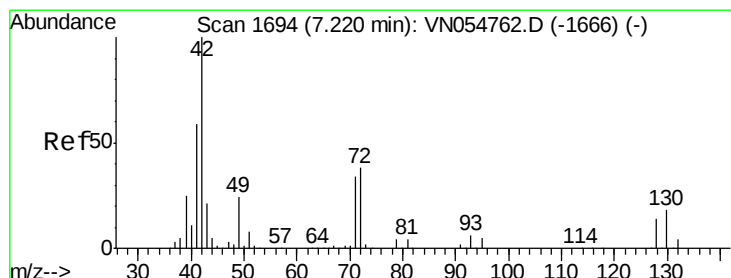
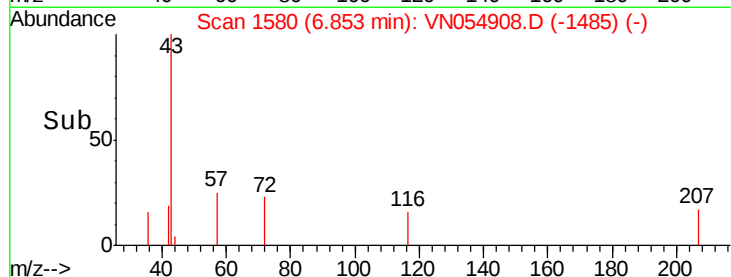
400

200

0

6.80 6.85 6.90

Time-->



#29

Tetrahydrofuran

Concen: 0.532 ug/l

RT: 7.23 min Scan# 1697

Delta R.T. 0.01 min

Lab File: VN054908.D

Acq: 2 Apr 2019 18:02

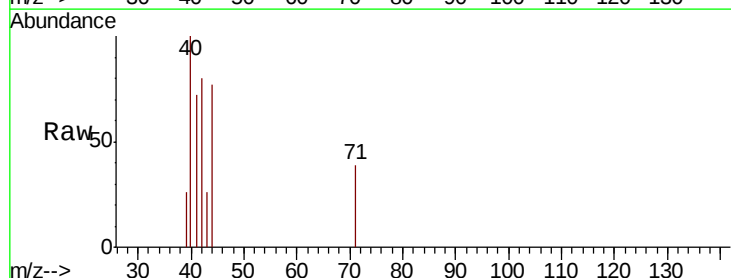
Tgt Ion: 42 Resp: 908

Ion Ratio Lower Upper

42 100

72 6.7 37.8 56.6#

71 31.8 36.2 54.2#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

800

600

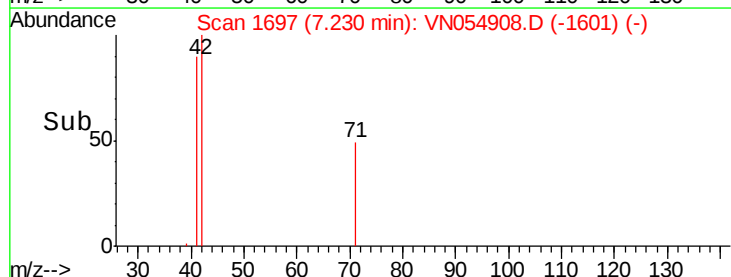
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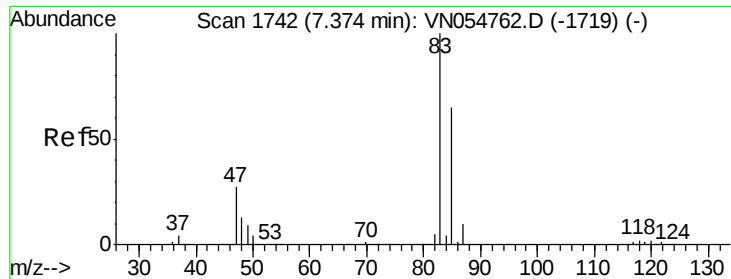
200

0

7.20 7.23 7.25

Time-->

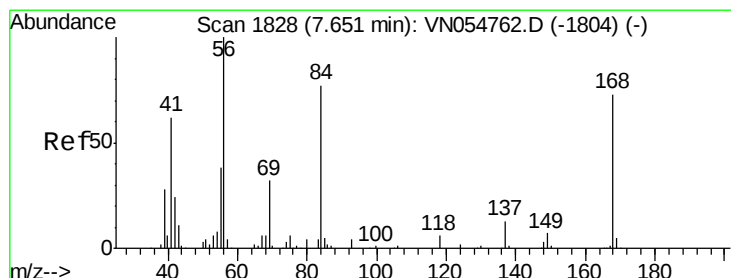
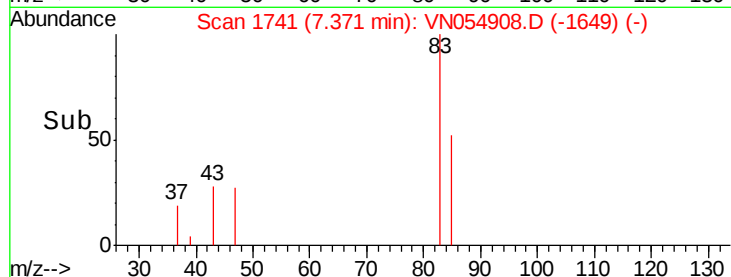
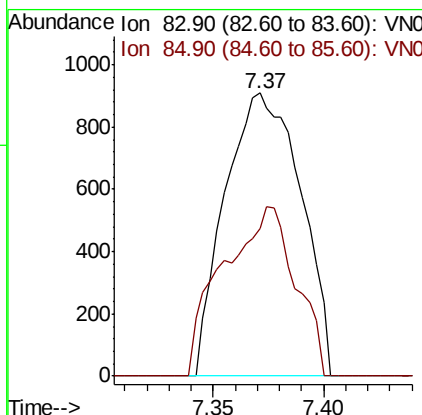
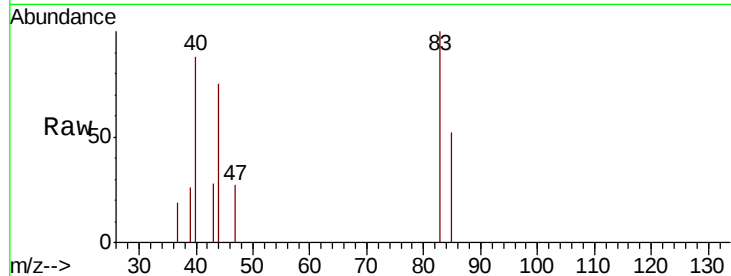




#30
Chloroform
Concen: 0.215 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

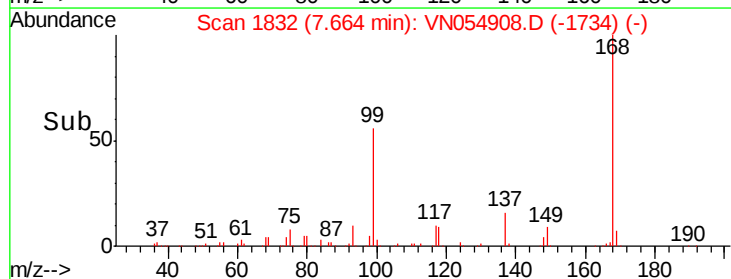
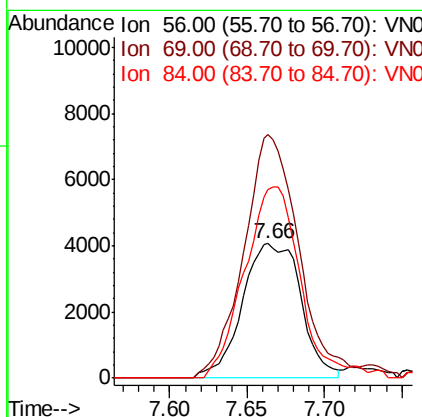
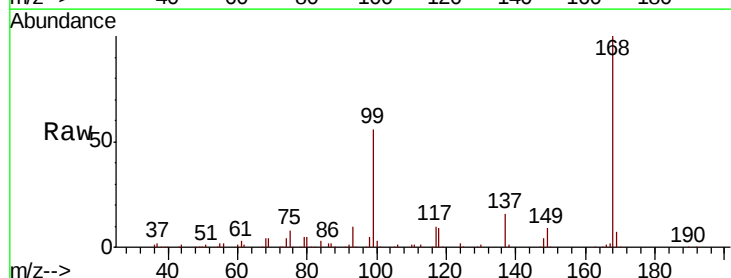
Instrument :
MSVOA_N
ClientSampled :

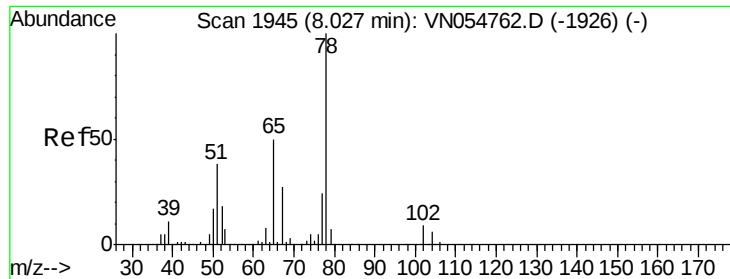
Tot Ion: 83 Resp: 2163
Ion Ratio Lower Upper
83 100
85 52.0 52.2 78.4#



#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Tgt Ion: 56 Resp: 10710
Ion Ratio Lower Upper
56 100
69 181.0 27.8 41.6#
84 140.5 74.6 111.8#

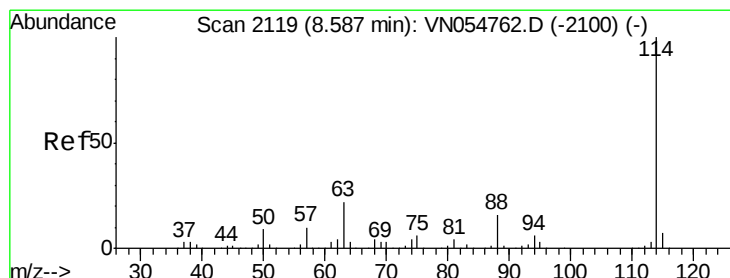
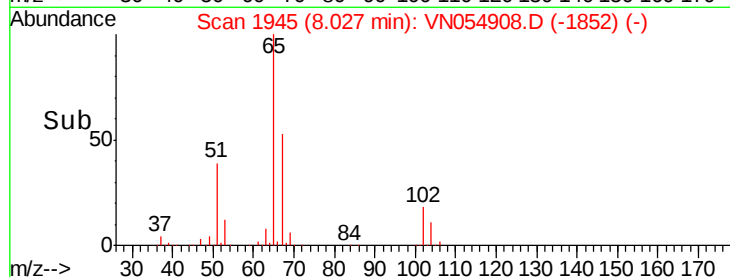
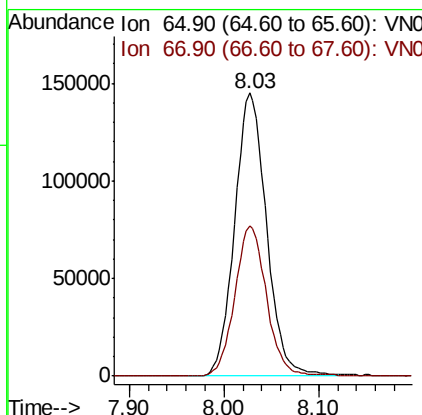
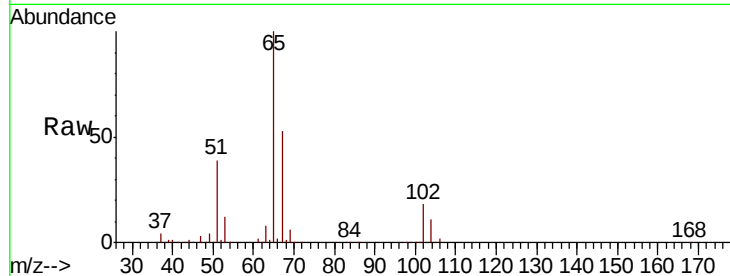




#33
 1,2-Dichloroethane-d4
 Concen: 48.735 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN054908.D
 Acq: 2 Apr 2019 18:02

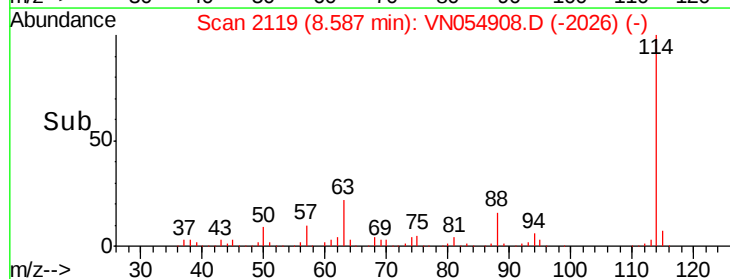
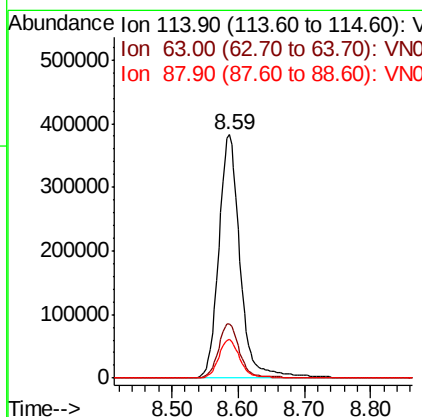
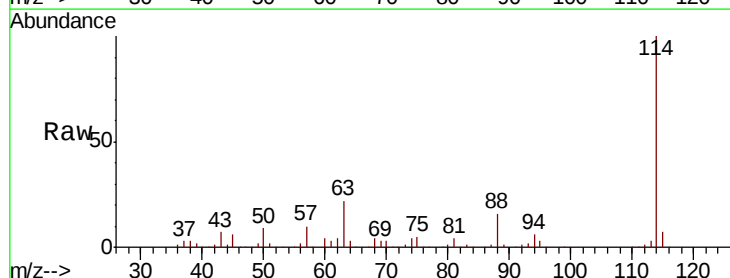
Instrument :
 MSVOA_N
 ClientSampleId :

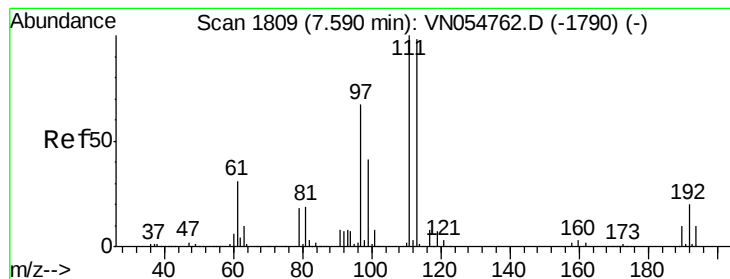
Tot Ion: 65 Resp: 339607
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054908.D
 Acq: 2 Apr 2019 18:02

Tgt Ion: 114 Resp: 852891
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 35.2
 88 15.8 0.0 30.2





#35

Dibromofluoromethane

Concen: 47.793 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054908.D

Acq: 2 Apr 2019 18:02

Instrument :

MSVOA_N

ClientSampled :

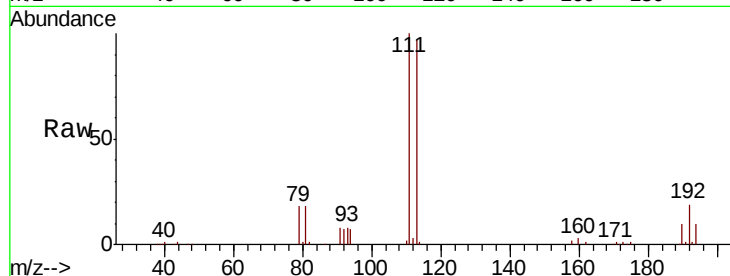
Tot Ion:113 Resp: 271760

Ion Ratio Lower Upper

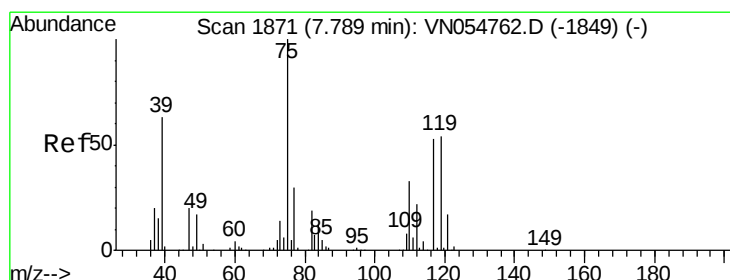
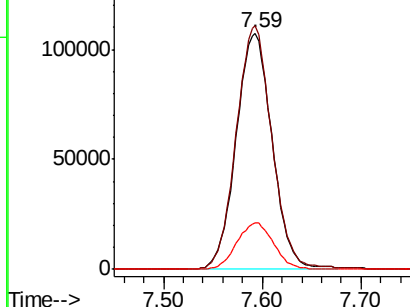
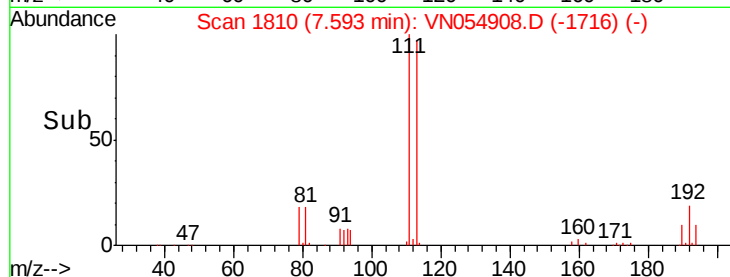
113 100

111 102.3 82.2 123.4

192 20.2 19.2 28.8



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: 4.834 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.12 min

Lab File: VN054908.D

Acq: 2 Apr 2019 18:02

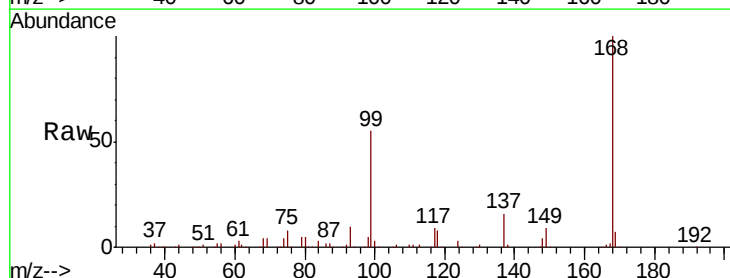
Tgt Ion: 75 Resp: 38419

Ion Ratio Lower Upper

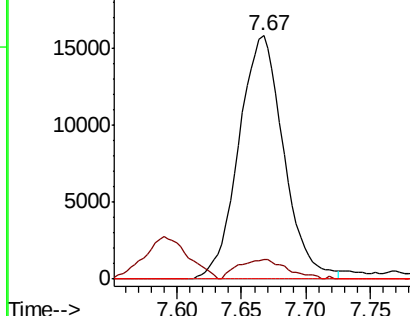
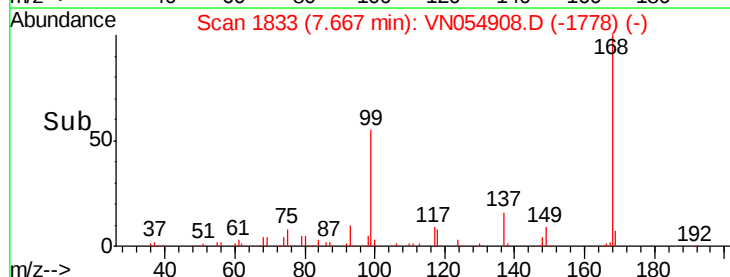
75 100

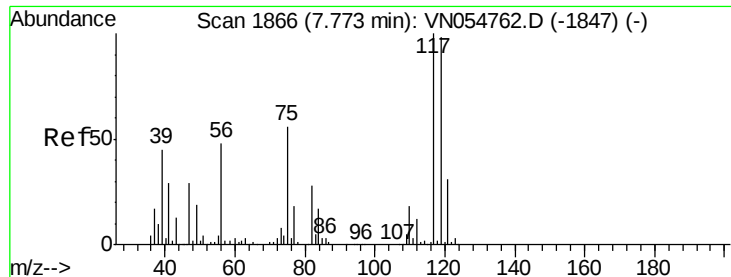
110 8.8 19.1 57.5#

77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.151 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN054908.D

Acq: 2 Apr 2019 18:02

Instrument :

MSVOA_N

ClientSampled :

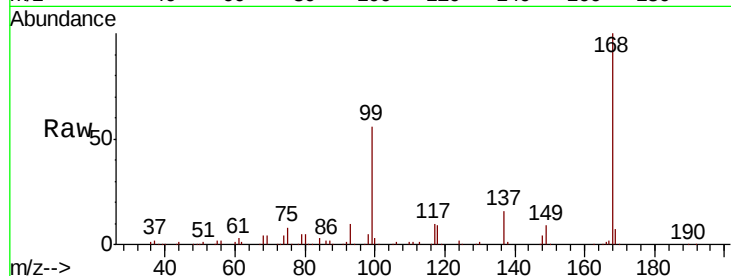
Tot Ion:117 Resp: 47478

Ion Ratio Lower Upper

117 100

119 5.2 76.3 114.5#

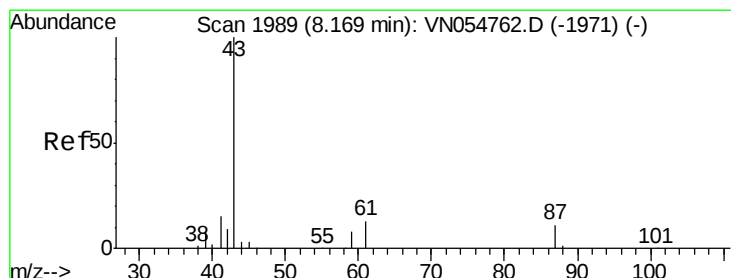
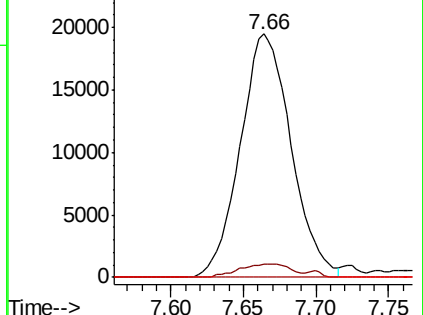
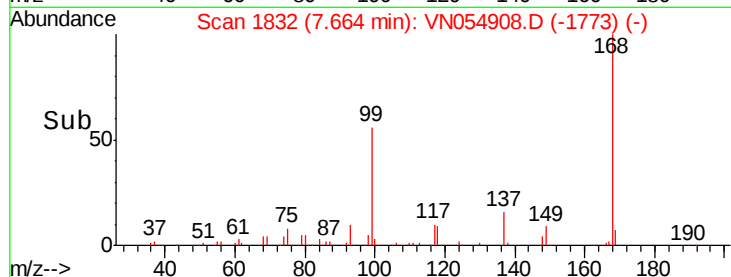
121 0.0 24.6 36.8#



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: 1.410 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054908.D

Acq: 2 Apr 2019 18:02

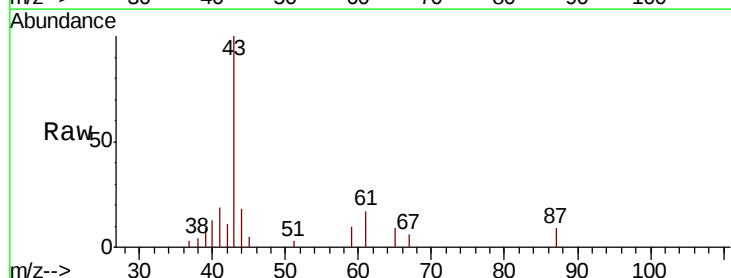
Tgt Ion: 43 Resp: 13354

Ion Ratio Lower Upper

43 100

61 19.7 15.8 23.8

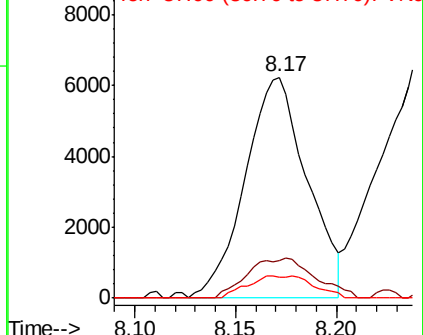
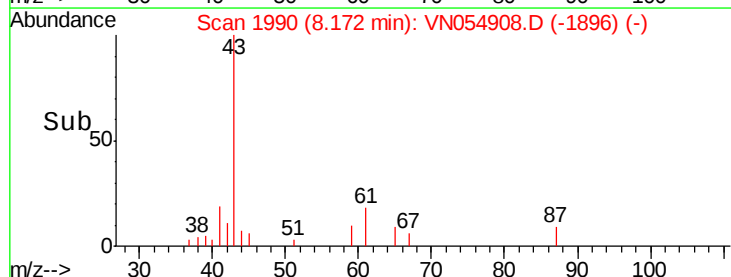
87 5.5 12.0 18.0#

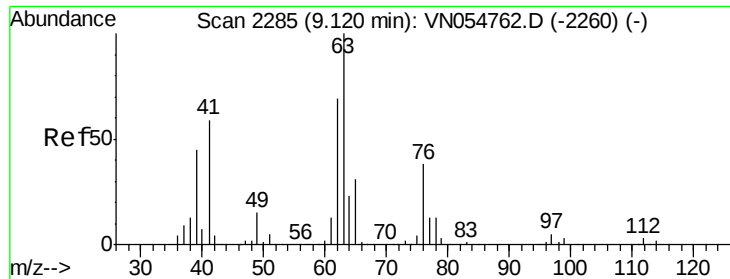


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#45

1,2-Dichloropropane

Concen: 0.211 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN054908.D

Acq: 2 Apr 2019 18:02

Instrument :

MSVOA_N

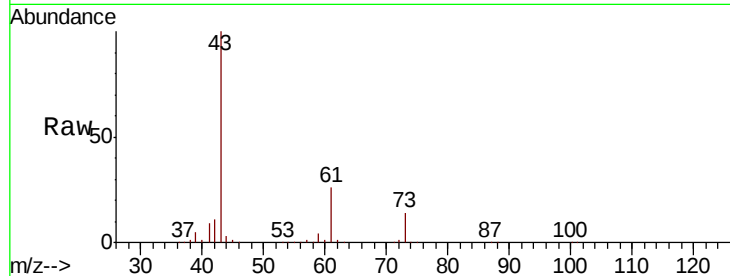
ClientSampleId :

Tot Ion: 63 Resp: 1366

Ion Ratio Lower Upper

63 100

65 0.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.27

800

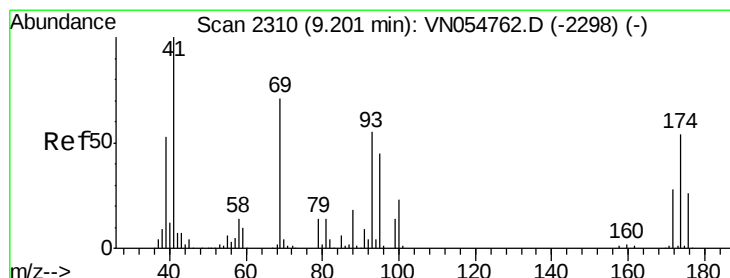
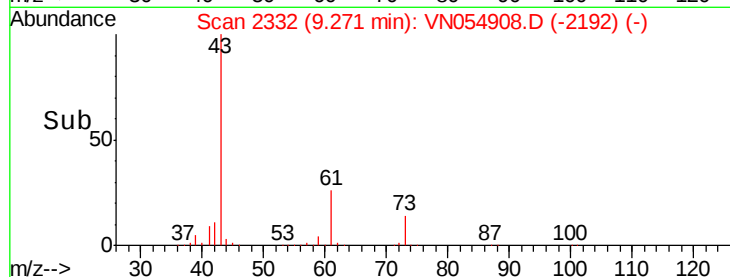
600

400

200

0

Time-->



#48

Methyl methacrylate

Concen: 1.625 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.02 min

Lab File: VN054908.D

Acq: 2 Apr 2019 18:02

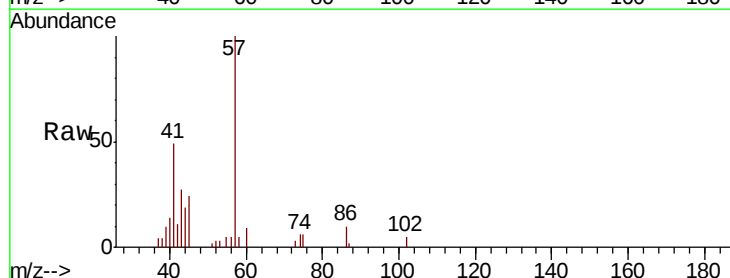
Tgt Ion: 41 Resp: 8340

Ion Ratio Lower Upper

41 100

69 0.0 72.6 108.8#

39 0.0 47.5 71.3#



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

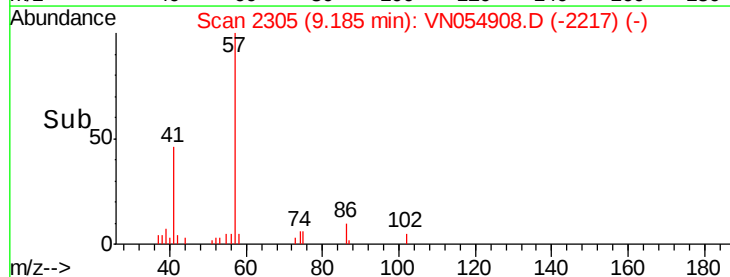
60000

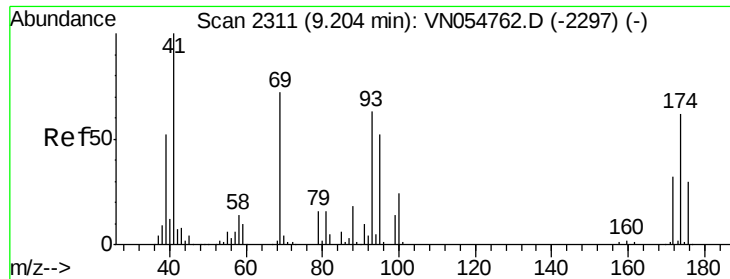
40000

20000

0

Time-->





#49

1,4-Dioxane

Concen: 1.904 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.07 min

Lab File: VN054908.D

Acq: 2 Apr 2019 18:02

Instrument :
MSVOA_N
ClientSampleId :

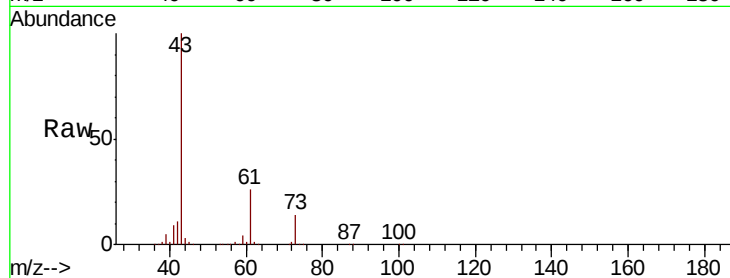
Tot Ion: 88 Resp: 97

Ion Ratio Lower Upper

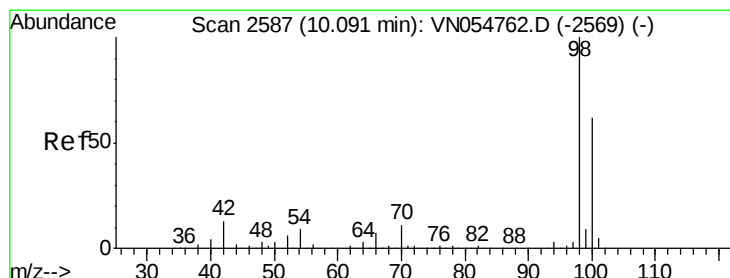
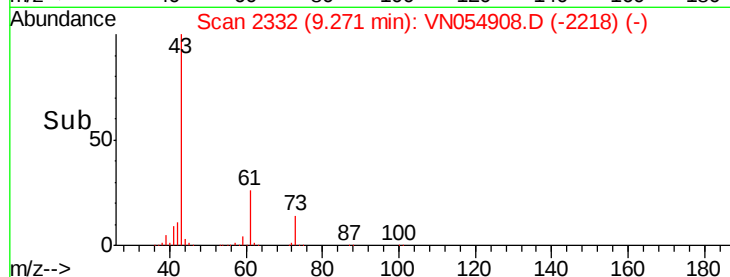
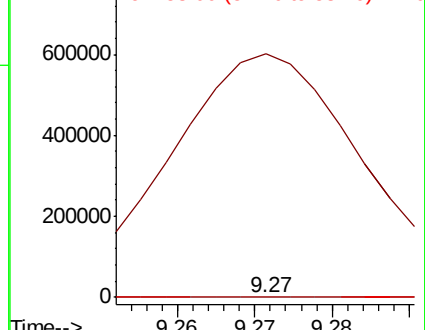
88 100

43 1178287.6 24.1 36.1#

58 5028.9 50.8 76.2#



Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 48.884 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054908.D

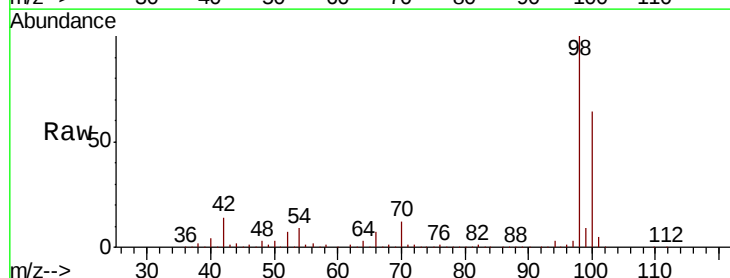
Acq: 2 Apr 2019 18:02

Tgt Ion: 98 Resp: 1033410

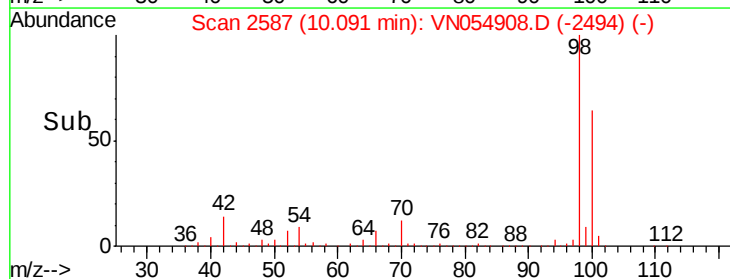
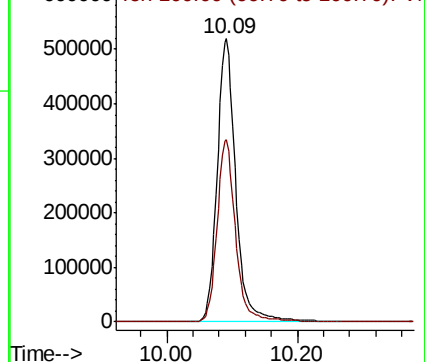
Ion Ratio Lower Upper

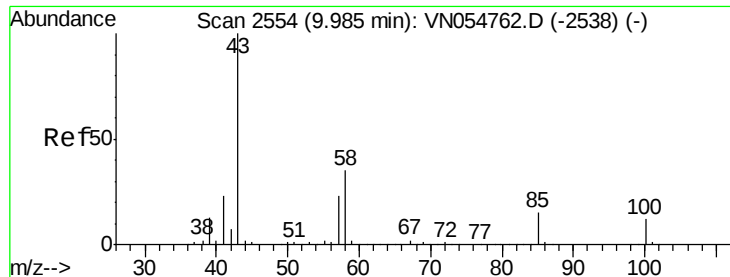
98 100

100 63.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 1.309 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN054908.D

Acq: 2 Apr 2019 18:02

Instrument :

MSVOA_N

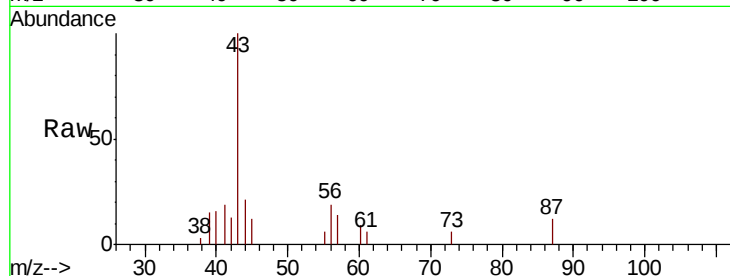
ClientSampled :

Tot Ion: 43 Resp: 6967

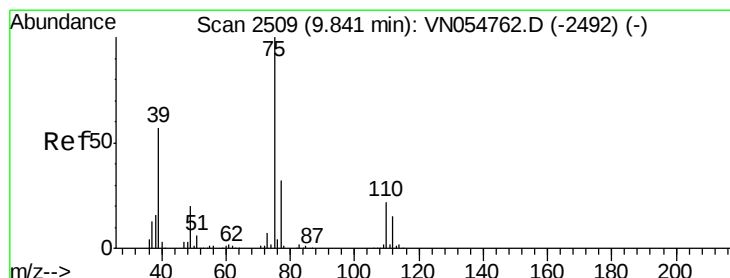
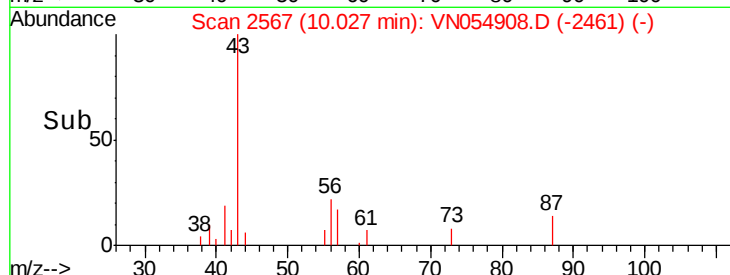
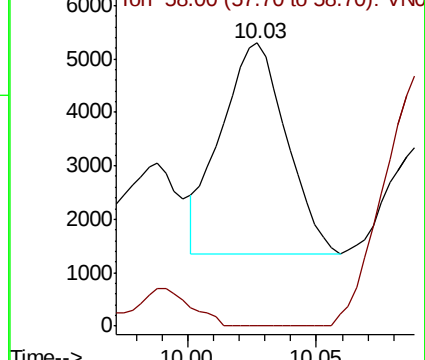
Ion Ratio Lower Upper

43 100

58 0.0 31.8 47.6#



Abundance Ion 43.00 (42.70 to 43.70): VN054762.D (-2538) (-)



#54

cis-1,3-Dichloropropene

Concen: 5.300 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN054908.D

Acq: 2 Apr 2019 18:02

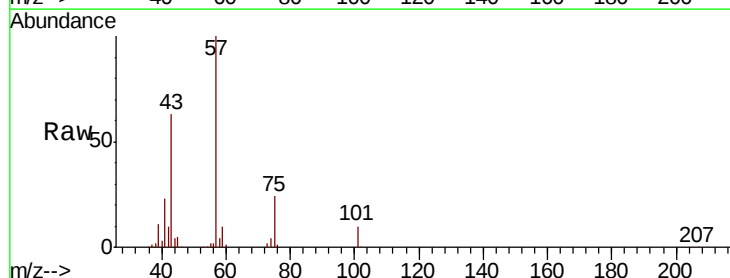
Tgt Ion: 75 Resp: 45147

Ion Ratio Lower Upper

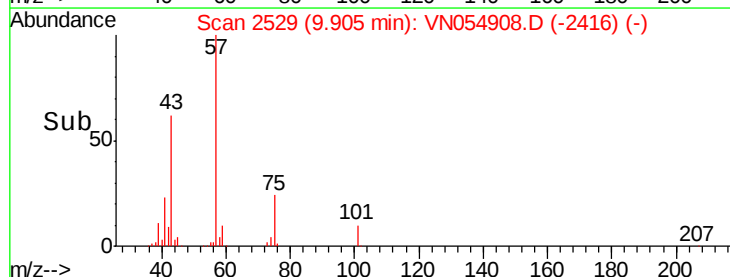
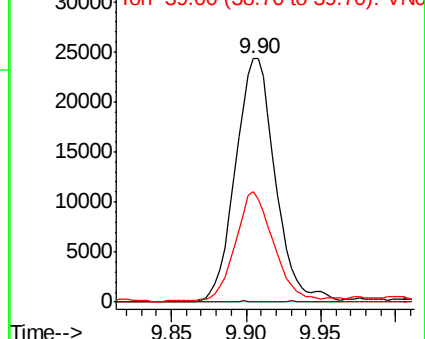
75 100

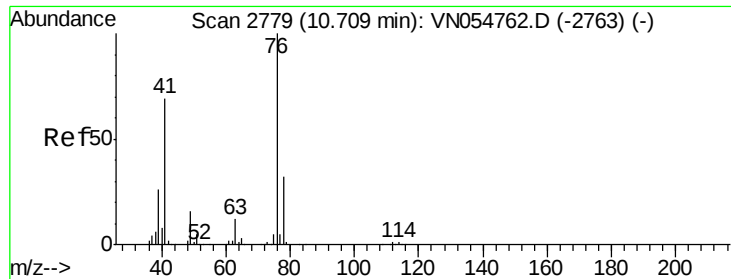
77 0.0 25.4 38.0#

39 44.6 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VN054762.D (-2492) (-)

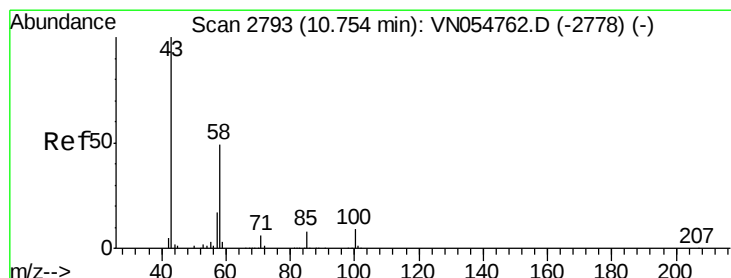
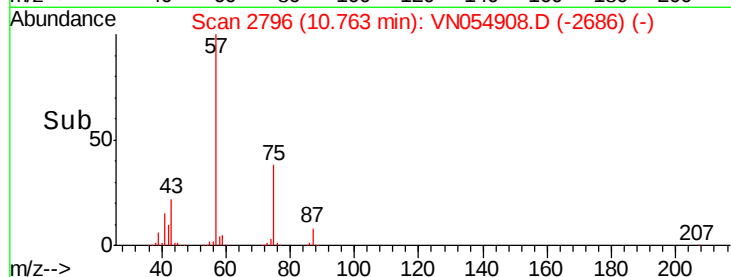
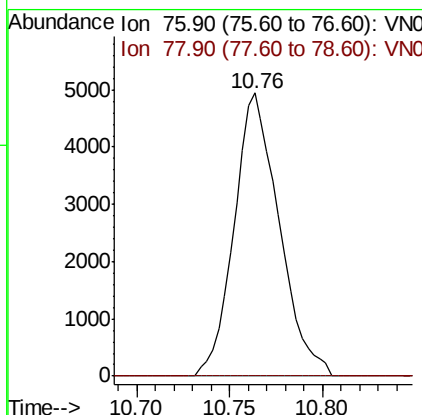
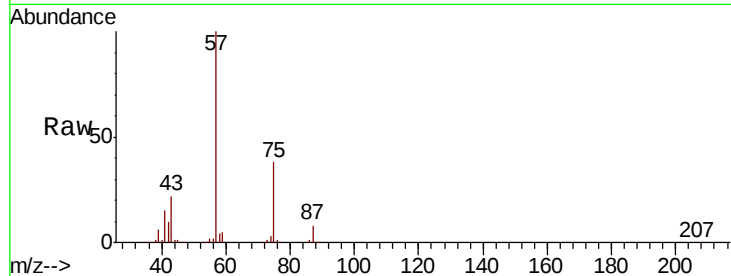




#57
 1,3-Dichloropropane
 Concen: 0.963 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.05 min
 Lab File: VN054908.D
 Acq: 2 Apr 2019 18:02

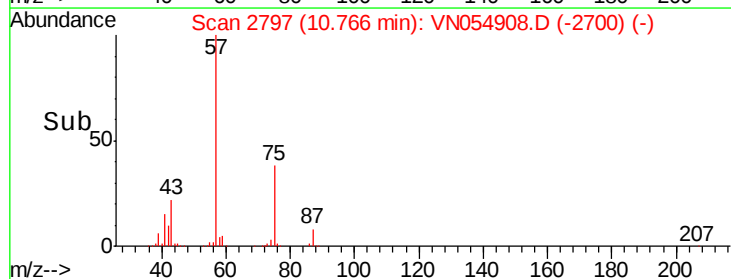
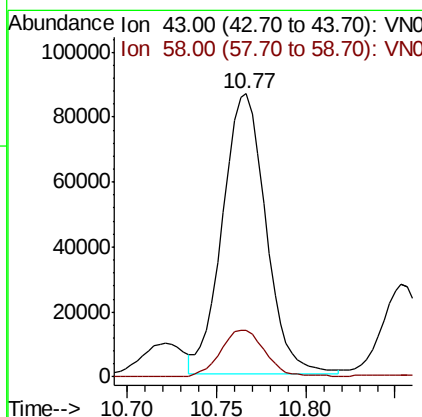
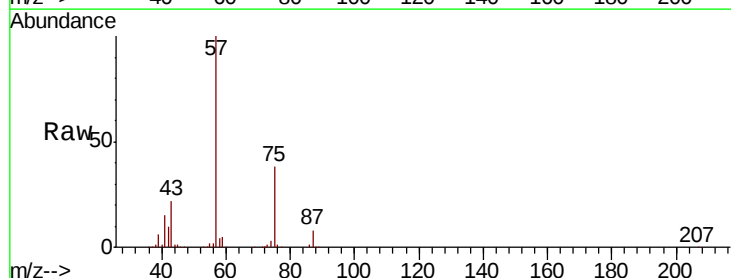
Instrument :
 MSVOA_N
 ClientSampled :

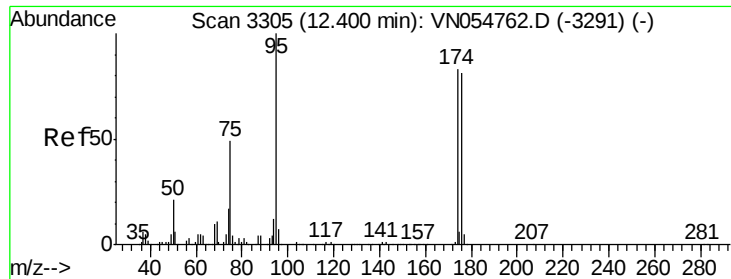
Tot Ion: 76 Resp: 8331
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#



#59
 2-Hexanone
 Concen: 42.855 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.01 min
 Lab File: VN054908.D
 Acq: 2 Apr 2019 18:02

Tgt Ion: 43 Resp: 146060
 Ion Ratio Lower Upper
 43 100
 58 17.3 28.0 83.9#





#62

4-Bromofluorobenzene

Concen: 46.125 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054908.D

Acq: 2 Apr 2019 18:02

Instrument :

MSVOA_N

ClientSampleId :

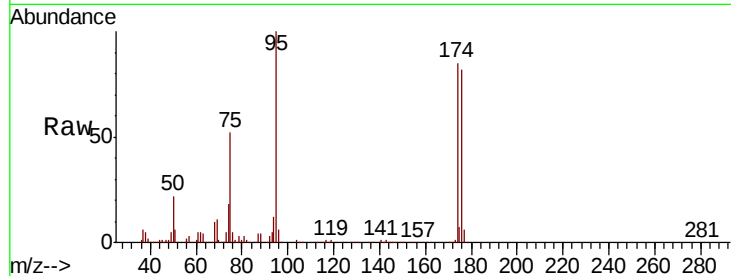
Tot Ion: 95 Resp: 324285

Ion Ratio Lower Upper

95 100

174 85.3 0.0 191.0

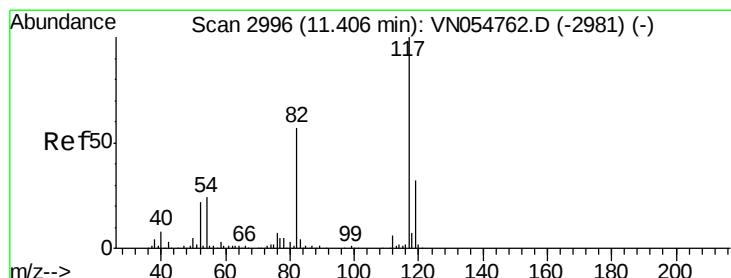
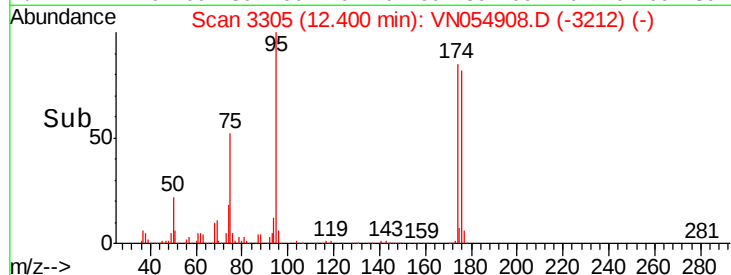
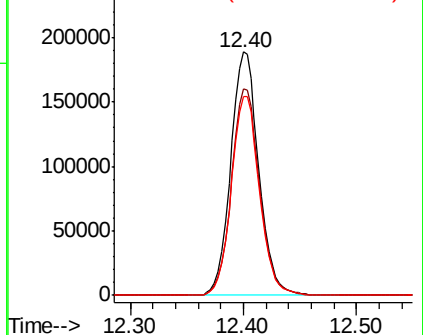
176 82.2 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054908.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN054908.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN054908.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054908.D

Acq: 2 Apr 2019 18:02

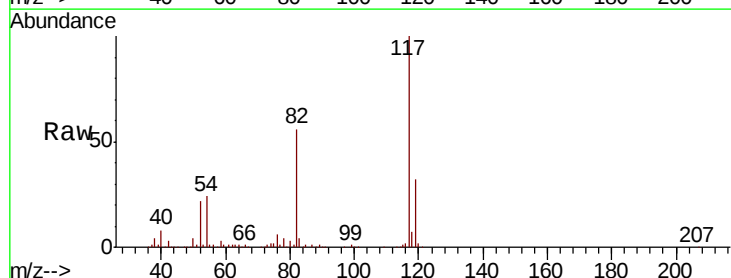
Tgt Ion: 117 Resp: 751301

Ion Ratio Lower Upper

117 100

82 56.1 40.0 60.0

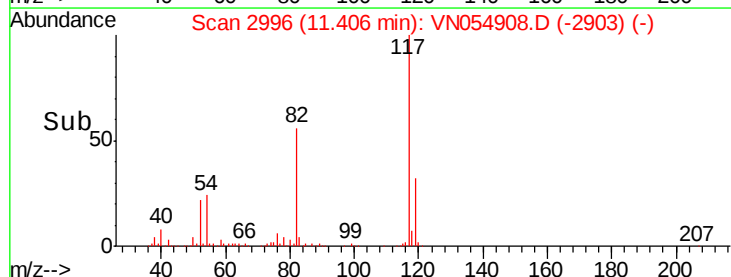
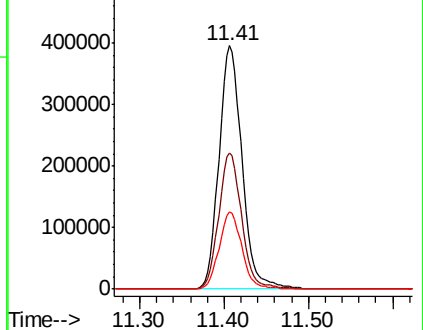
119 31.7 25.8 38.6

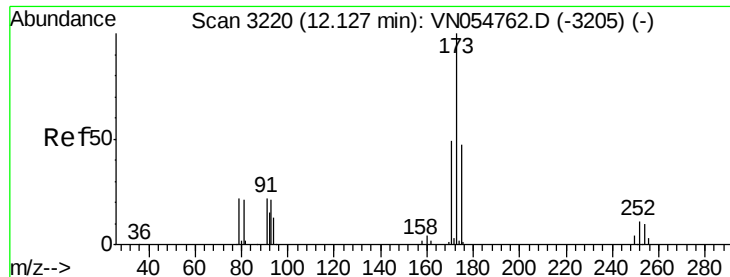


Abundance Ion 116.90 (116.60 to 117.60): VN054908.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN054908.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN054908.D (-2903) (-)





#71

Bromoform

Concen: 1.033 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN054908.D

Acq: 2 Apr 2019 18:02

Instrument :

MSVOA_N

ClientSampleId :

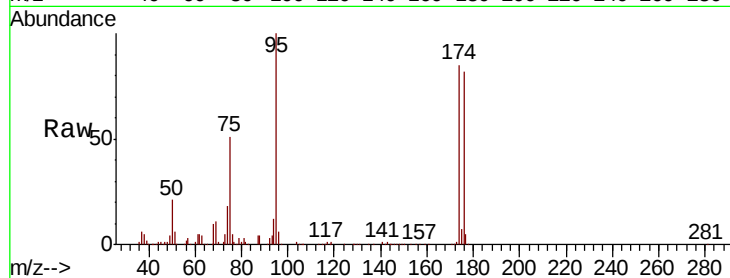
Tot Ion:173 Resp: 3333

Ion Ratio Lower Upper

173 100

175 553.4 24.4 73.2#

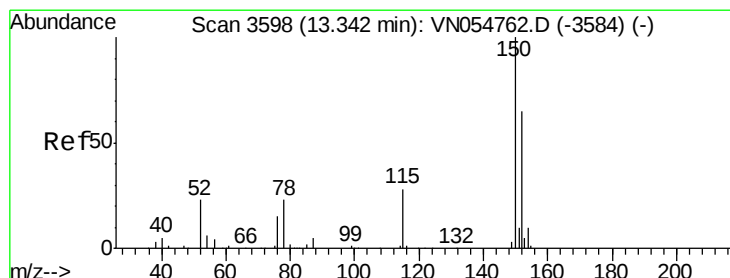
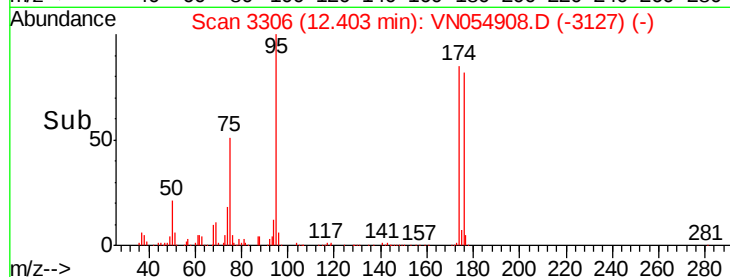
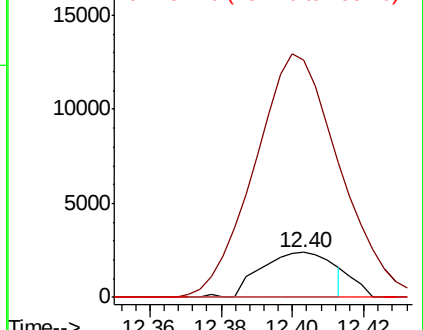
254 0.0 0.1 0.1#



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: VN054908.D

Acq: 2 Apr 2019 18:02

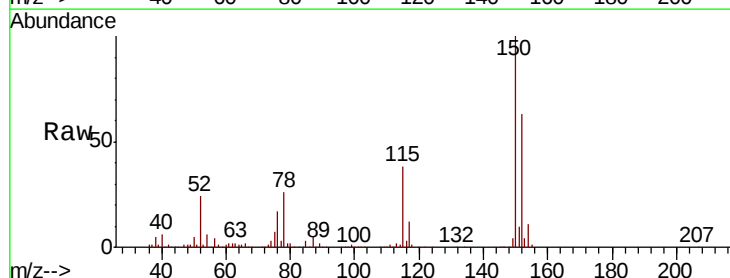
Tgt Ion:152 Resp: 272762

Ion Ratio Lower Upper

152 100

115 58.4 27.2 81.6

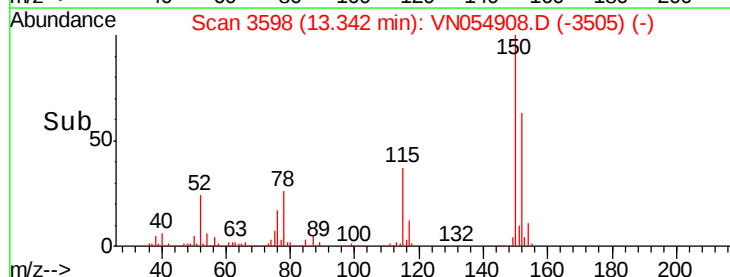
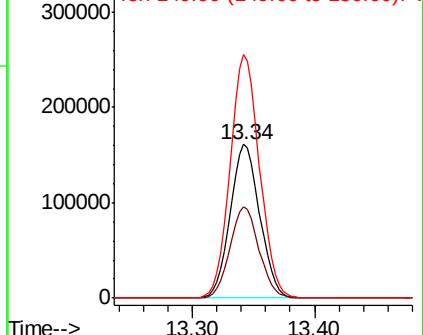
150 157.1 0.0 349.2

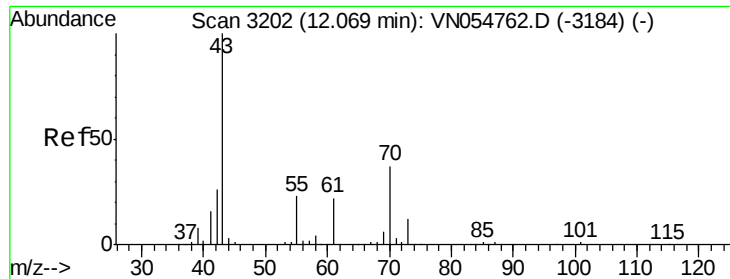


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 2.133 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN054908.D

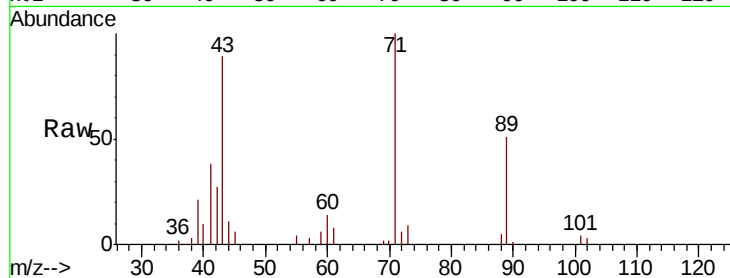
Acq: 2 Apr 2019 18:02

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:	43	Resp:	14814
Ion	Ratio	Lower	Upper
43	100		
70	1.8	35.4	53.0#
55	4.9	19.8	29.6#
61	9.2	19.8	29.6#

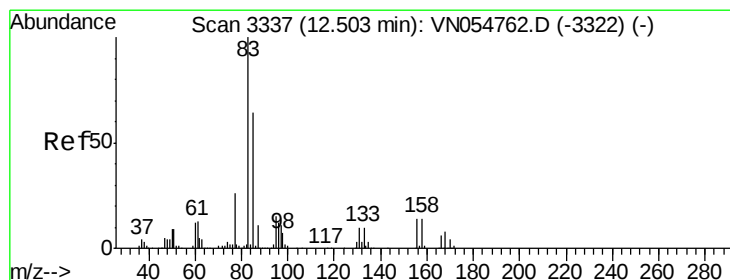
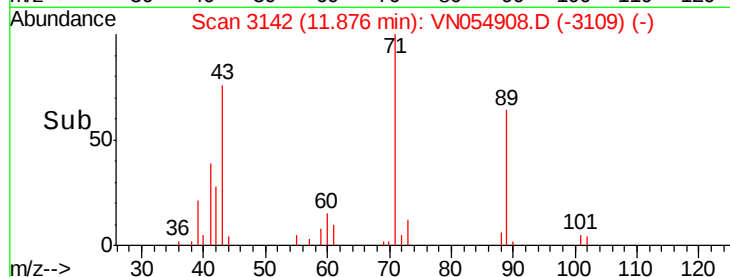
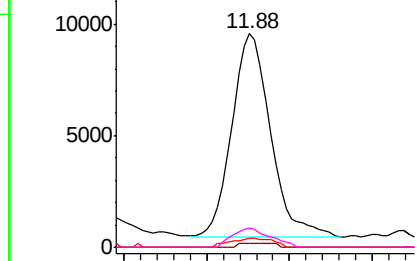


Abundance Ion 43.00 (42.70 to 43.70): VN054908.D (-3142) (-)

Ion 70.00 (69.70 to 70.70): VN054908.D (-3142) (-)

Ion 55.00 (54.70 to 55.70): VN054908.D (-3142) (-)

Ion 61.00 (60.70 to 61.70): VN054908.D (-3142) (-)



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

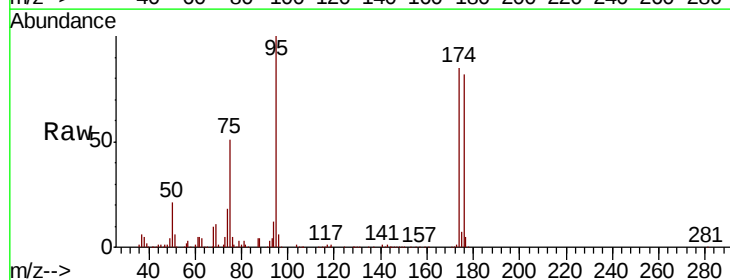
RT: 12.40 min Scan# 3306

Delta R.T. -0.10 min

Lab File: VN054908.D

Acq: 2 Apr 2019 18:02

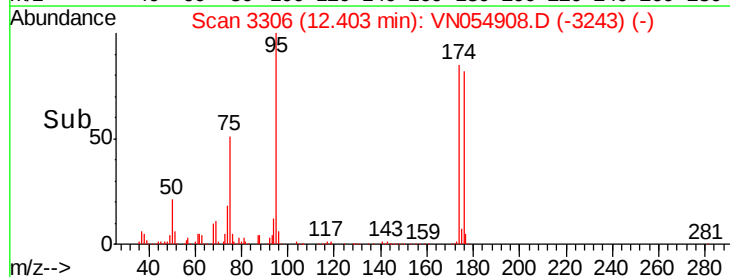
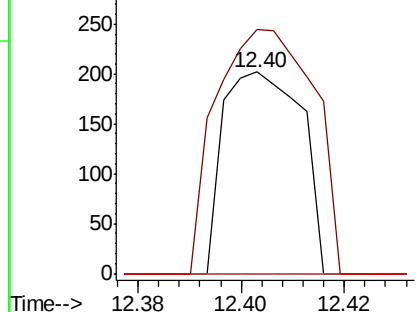
Tgt Ion:	83	Resp:	212
Ion	Ratio	Lower	Upper
83	100		
131	150.5	5.8	17.4#
85	0.0	32.2	96.6#

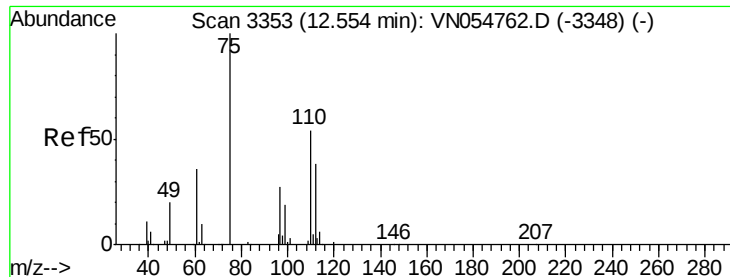


Abundance Ion 82.90 (82.60 to 83.60): VN054908.D (-3306) (-)

Ion 130.80 (130.50 to 131.50): VN054908.D (-3306) (-)

Ion 84.90 (84.60 to 85.60): VN054908.D (-3306) (-)





#76

1,2,3-Trichloropropane

Concen: 35.970 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054908.D

Acq: 2 Apr 2019 18:02

Instrument :

MSVOA_N

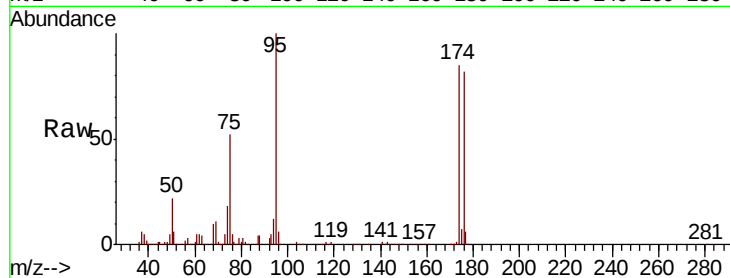
ClientSampled :

Tot Ion: 75 Resp: 170444

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN054762.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN054762.D (-3348) (-)

12.40

100000

80000

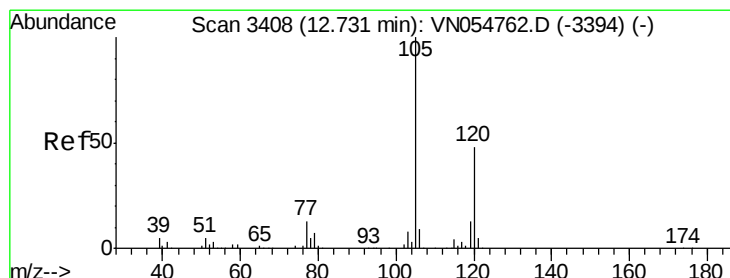
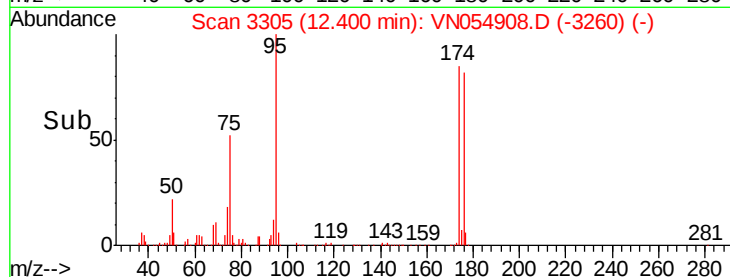
60000

40000

20000

0

Time--> 12.30 12.40 12.50



#80

1,3,5-Trimethylbenzene

Concen: 0.361 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054908.D

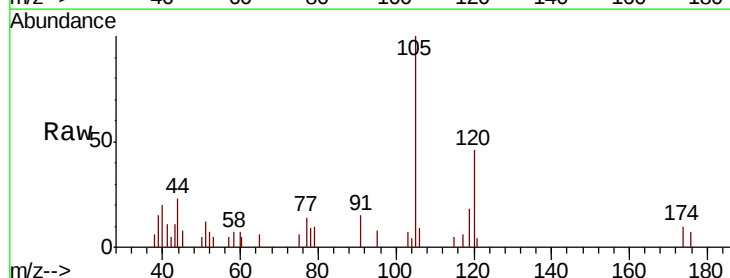
Acq: 2 Apr 2019 18:02

Tgt Ion:105 Resp: 6606

Ion Ratio Lower Upper

105 100

120 44.3 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VN054762.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN054762.D (-3394) (-)

12.73

4000

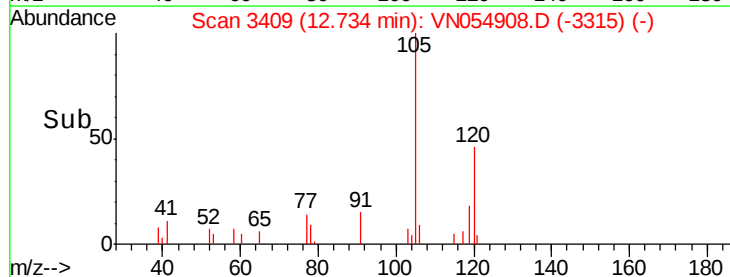
3000

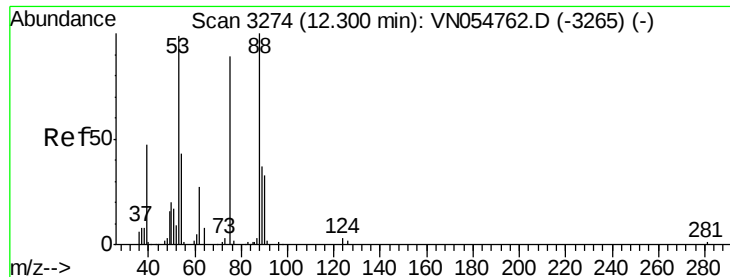
2000

1000

0

Time--> 12.70 12.75





#81

trans-1,4-Dichloro-2-butene

Concen: 139.914 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054908.D

Acq: 2 Apr 2019 18:02

Instrument :

MSVOA_N

ClientSampled :

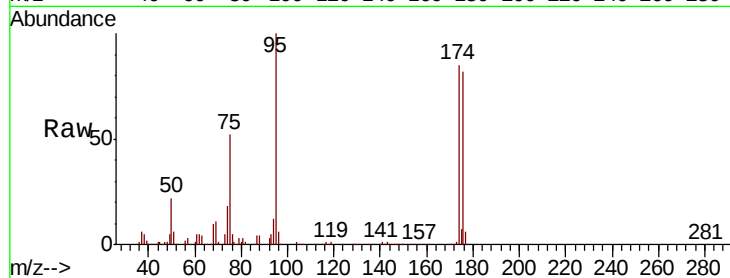
Tot Ion: 75 Resp: 170444

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

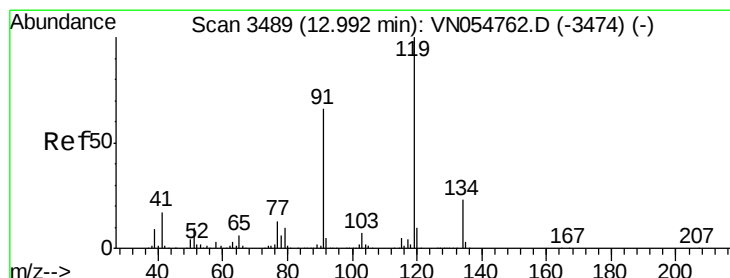
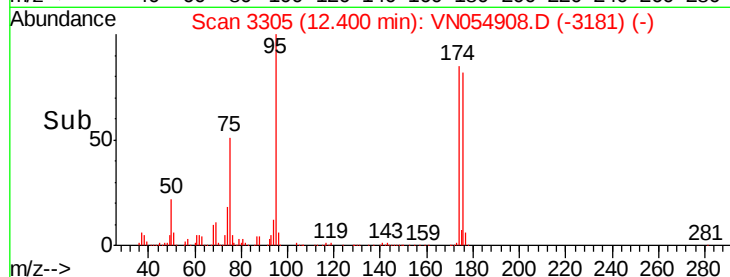
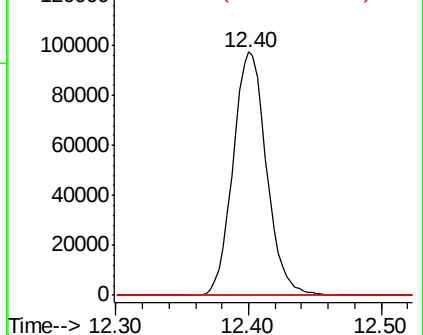
89 0.0 39.2 58.8#



Abundance Ion 74.90 (74.60 to 75.60): VN054908.D (-3305) (-)

Ion 53.00 (52.70 to 53.70): VN054908.D (-3305) (-)

Ion 88.90 (88.60 to 89.60): VN054908.D (-3305) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.04 min Scan# 3505

Delta R.T. 0.05 min

Lab File: VN054908.D

Acq: 2 Apr 2019 18:02

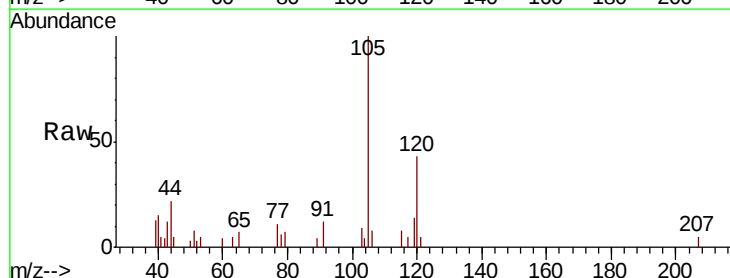
Tgt Ion: 119 Resp: 1056

Ion Ratio Lower Upper

119 100

91 74.5 30.9 92.8

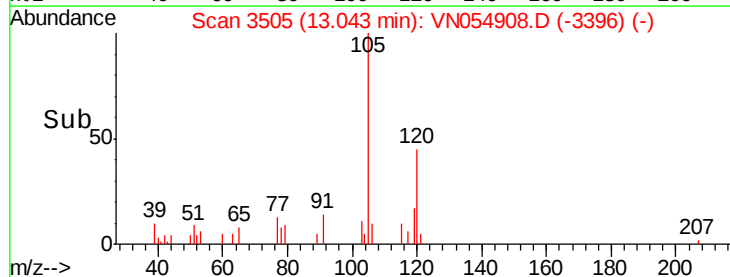
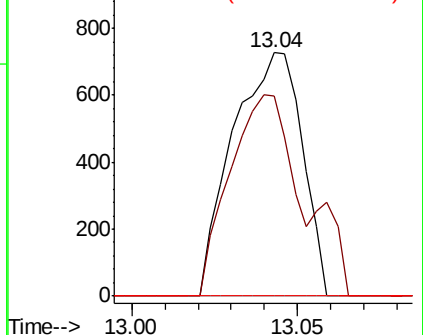
134 0.0 13.2 39.6#

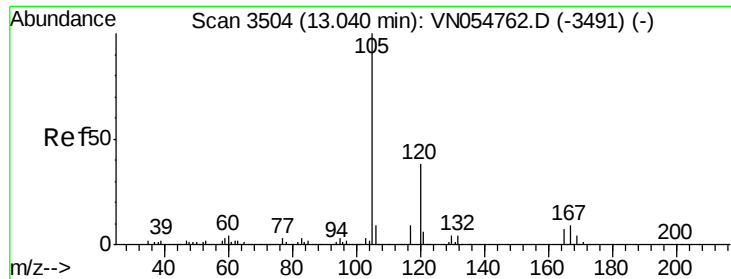


Abundance Ion 119.00 (118.70 to 119.70): VN054908.D (-3489) (-)

Ion 91.00 (90.70 to 91.70): VN054908.D (-3489) (-)

Ion 134.00 (133.70 to 134.70): VN054908.D (-3489) (-)





#84

1,2,4-Trimethylbenzene

Concen: 0.491 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN054908.D

Acq: 2 Apr 2019 18:02

Instrument :

MSVOA_N

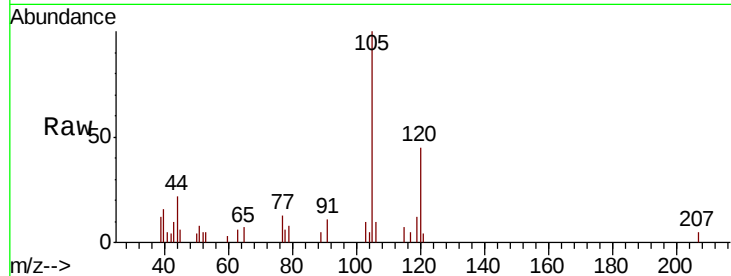
ClientSampleId :

Tot Ion:105 Resp: 8563

Ion Ratio Lower Upper

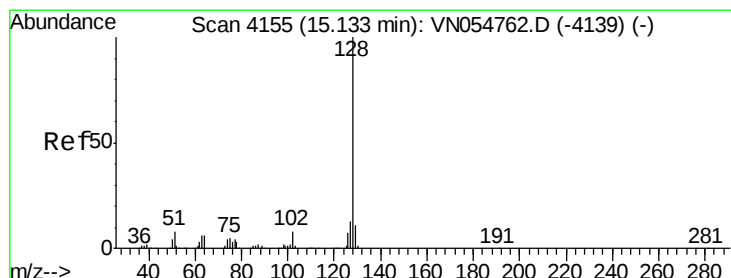
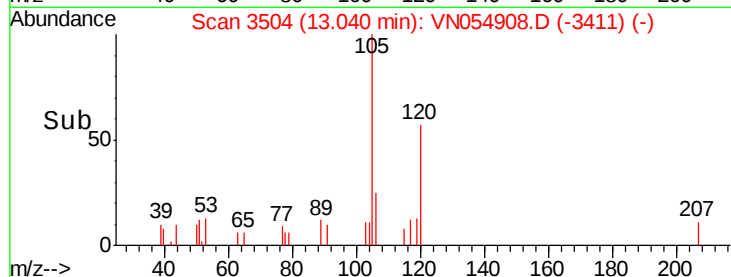
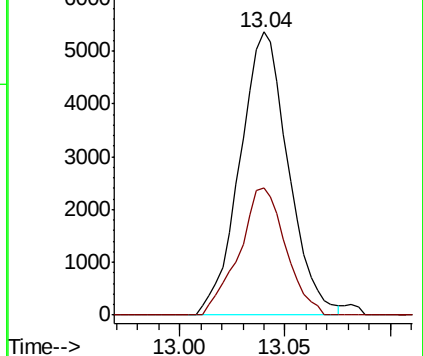
105 100

120 43.1 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 0.810 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN054908.D

Acq: 2 Apr 2019 18:02

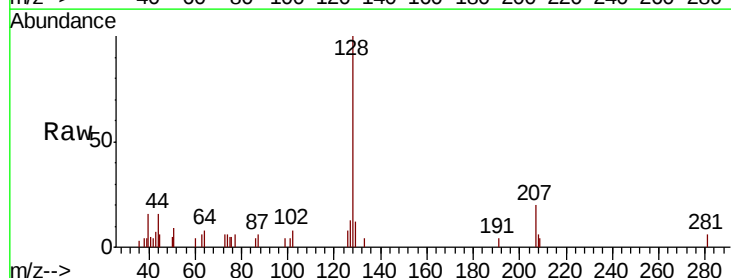
Tgt Ion:128 Resp: 7958

Ion Ratio Lower Upper

128 100

127 14.1 10.1 15.1

129 12.6 8.7 13.1



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

