

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050319\
 Data File : VN055398.D
 Acq On : 3 May 2019 18:42
 Operator : JC/SP
 Sample : K2635-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AU-05-050219-C

Quant Time: May 03 23:24:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	472052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	805340	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	735530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	243146	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	317382	51.39	ug/l	0.00
Spiked Amount			Recovery	=	102.78%	
35) Dibromofluoromethane	7.59	113	257854	48.78	ug/l	0.00
Spiked Amount			Recovery	=	97.56%	
50) Toluene-d8	10.09	98	994195	52.09	ug/l	0.00
Spiked Amount			Recovery	=	104.18%	
62) 4-Bromofluorobenzene	12.40	95	331613	55.59	ug/l	0.00
Spiked Amount			Recovery	=	111.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.55	41	5781	0.599	ug/l #	29
16) Acetone	3.83	43	16902	8.784	ug/l	99
18) Methyl Acetate	4.34	43	3314	Below Cal	#	62
20) Methylene Chloride	4.55	84	113864	19.387	ug/l	98
25) 2-Butanone	6.85	43	1165	0.473	ug/l #	53
29) Tetrahydrofuran	7.21	42	1395	0.885	ug/l #	85
30) Chloroform	7.37	83	6968	0.719	ug/l	95
31) Cyclohexane	7.67	56	10913	1.123	ug/l #	8
36) 1,1-Dichloropropene	7.67	75	36625	4.748	ug/l #	49
38) Carbon Tetrachloride	7.66	117	43293	5.818	ug/l #	16
41) Methacrylonitrile	7.21	41	357	0.850	ug/l #	23
43) Isopropyl Acetate	8.17	43	13673	1.439	ug/l #	89
47) Bromodichloromethane	9.40	83	2009	0.261	ug/l #	85
48) Methyl methacrylate	9.18	41	7766	1.663	ug/l #	31
49) 1,4-Dioxane	9.27	88	62	1.284	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	4245	0.794	ug/l	91
54) cis-1,3-Dichloropropene	9.90	75	49976	6.004	ug/l #	64
57) 1,3-Dichloropropane	10.76	76	9446	1.111	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.91	63	157	12.486	ug/l #	52
59) 2-Hexanone	10.76	43	154880	46.275	ug/l #	53
68) m/p-Xylenes	11.62	106	2643	0.285	ug/l	98
71) Bromoform	12.40	173	3089	0.989	ug/l #	1
73) Isopropylbenzene	12.24	105	742	Below Cal		81
75) 1,1,2,2-Tetrachloroethane	12.55	83	30	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	172802	37.611	ug/l #	100
79) 2-Chlorotoluene	12.67	91	2369	Below Cal	#	59
80) 1,3,5-Trimethylbenzene	12.73	105	6062	0.318	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.40	75	172802	134.681	ug/l #	7
83) tert-Butylbenzene	13.04	119	1469	Below Cal	#	62
84) 1,2,4-Trimethylbenzene	13.04	105	12868	0.755	ug/l	97
90) Hexachloroethane	13.88	117	260	Below Cal	#	7
95) Naphthalene	15.13	128	21913	6.355	ug/l	98

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QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

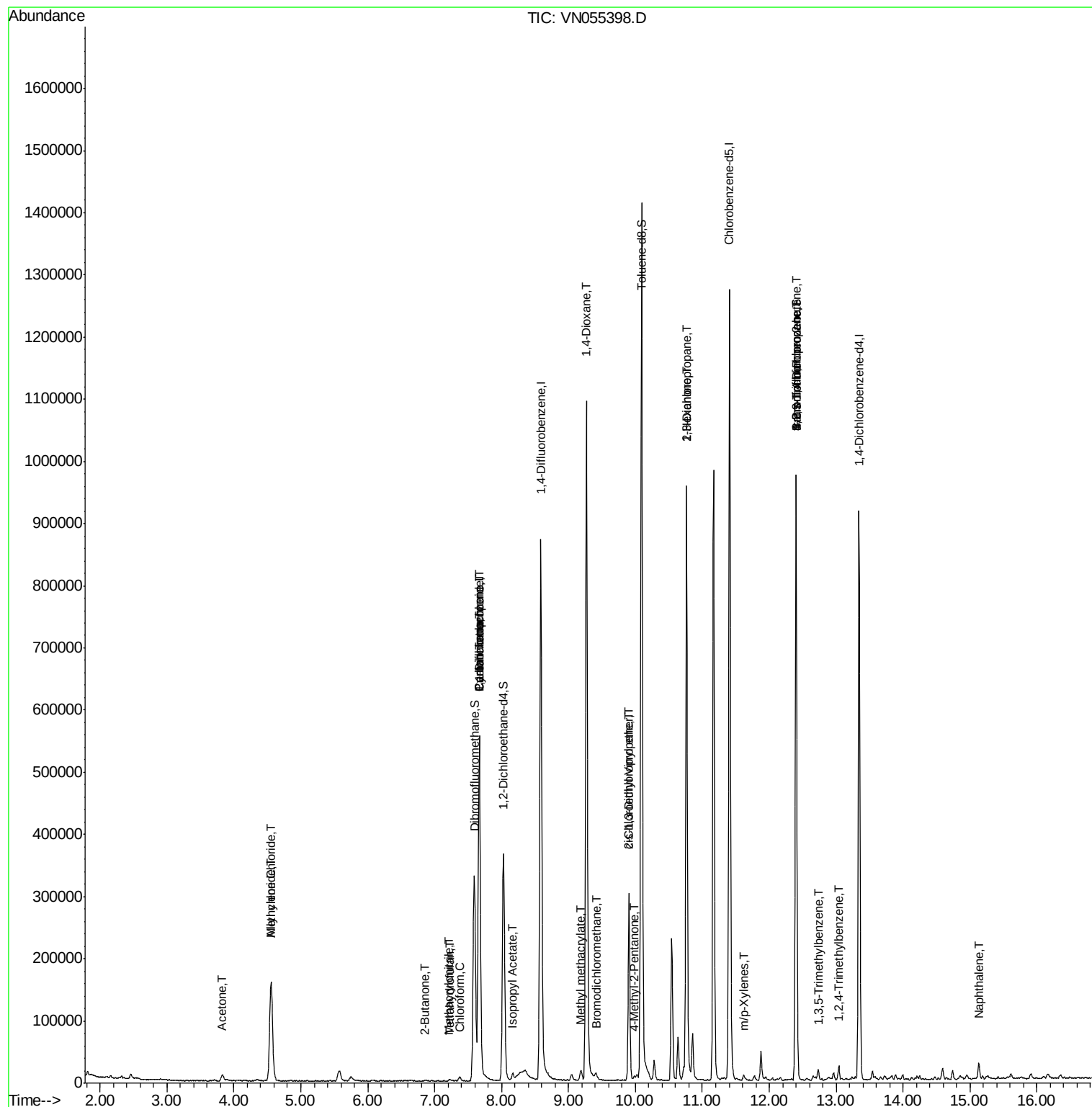
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

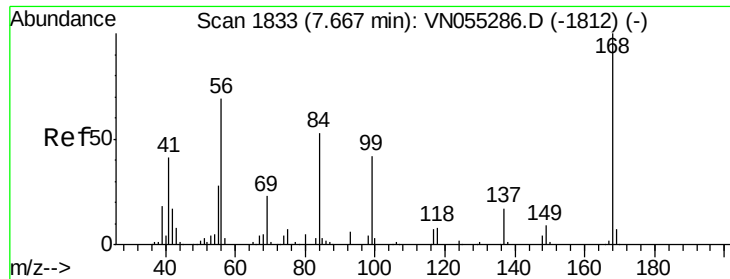
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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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: VN055398.D

Acq: 3 May 2019 18:42

Instrument :

MSVOA_N

ClientSampleId :

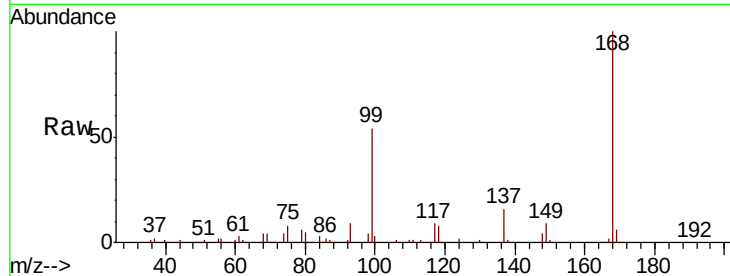
AU-05-050219-C

Tot Ion:168 Resp: 472052

Ion Ratio Lower Upper

168 100

99 54.2 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

200000

150000

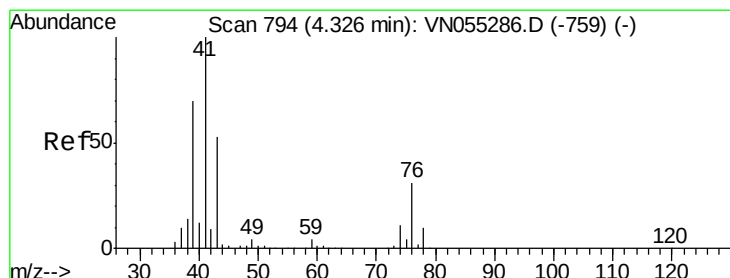
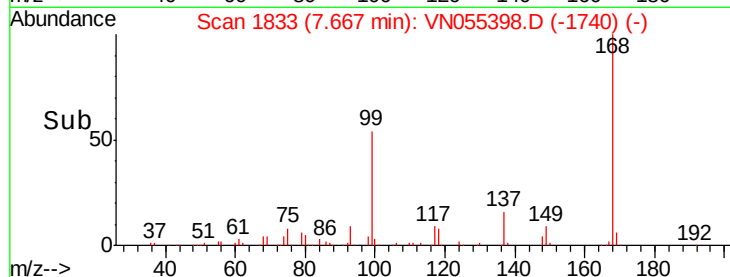
100000

50000

0

7.60 7.70 7.80

Time-->



#14

Allyl chloride

Concen: 0.599 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.23 min

Lab File: VN055398.D

Acq: 3 May 2019 18:42

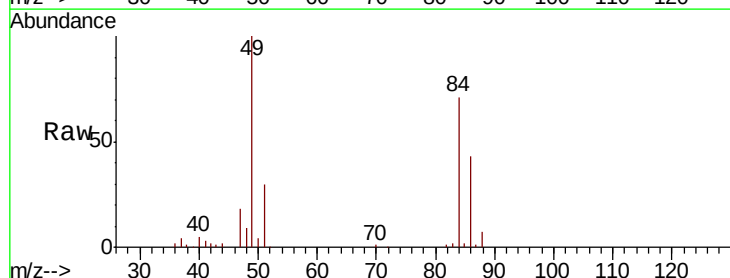
Tgt Ion: 41 Resp: 5781

Ion Ratio Lower Upper

41 100

39 3.9 53.0 79.6#

76 0.0 22.7 34.1#



Abundance Ion 41.00 (40.70 to 41.70): VN

Ion 39.00 (38.70 to 39.70): VN

Ion 75.90 (75.60 to 76.60): VN

4.55

2500

2000

1500

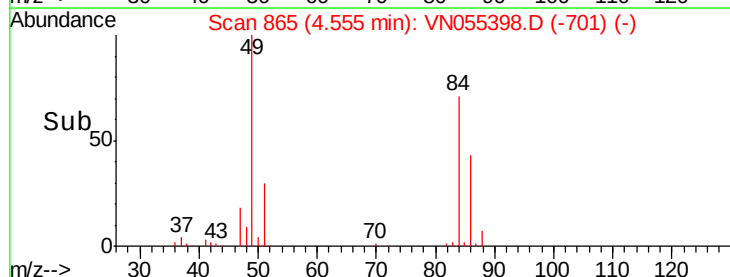
1000

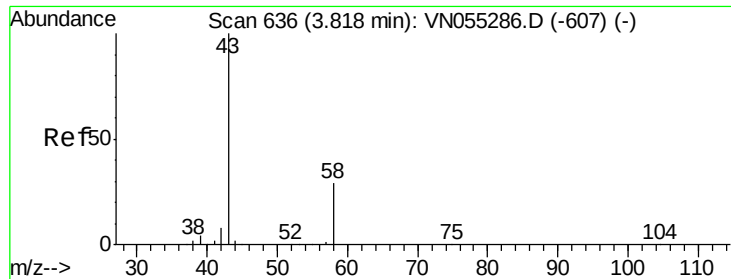
500

0

4.45 4.50 4.55 4.60

Time-->





#16

Acetone

Concen: 8.784 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN055398.D

Acq: 3 May 2019 18:42

Instrument :

MSVOA_N

ClientSampleId :

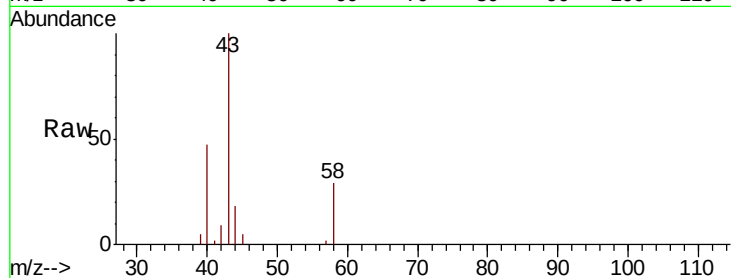
AU-05-050219-C

Tot Ion: 43 Resp: 16902

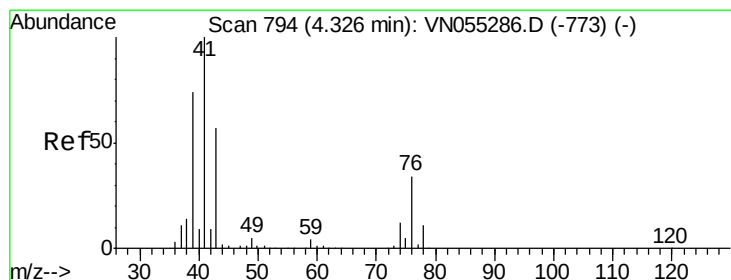
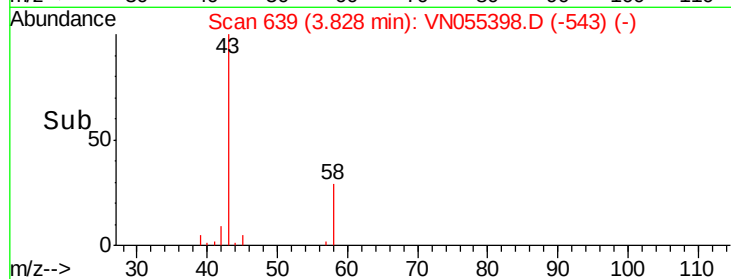
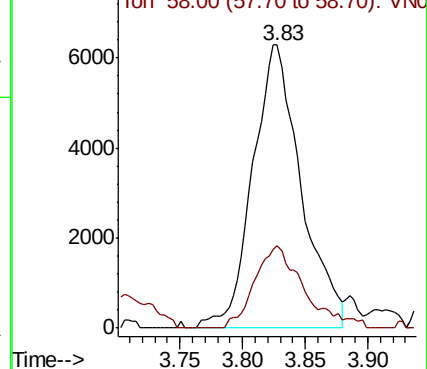
Ion Ratio Lower Upper

43 100

58 29.2 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN055398.D (-543) (-)



#18

Methyl Acetate

Concen: Below Cal

RT: 4.34 min Scan# 799

Delta R.T. 0.02 min

Lab File: VN055398.D

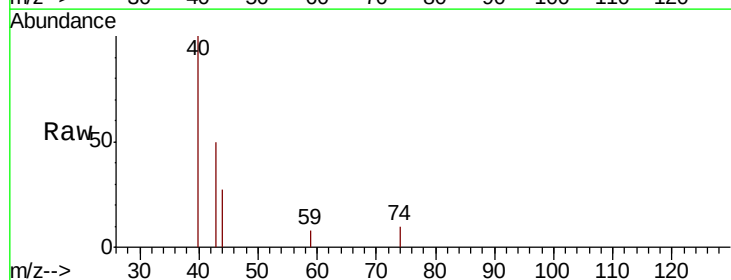
Acq: 3 May 2019 18:42

Tgt Ion: 43 Resp: 3314

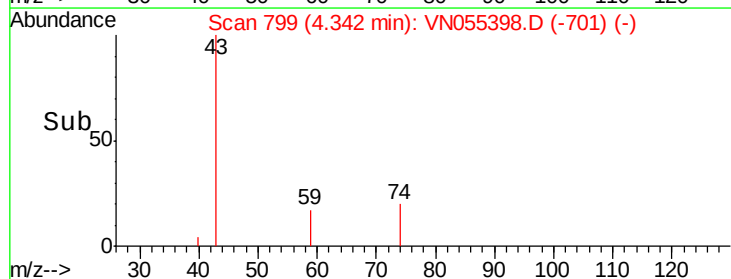
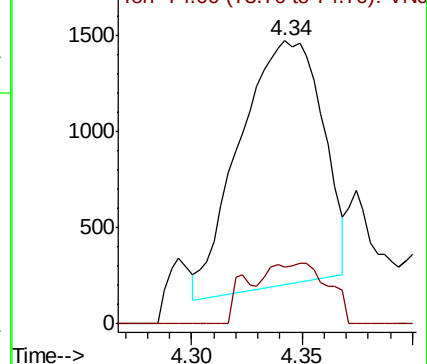
Ion Ratio Lower Upper

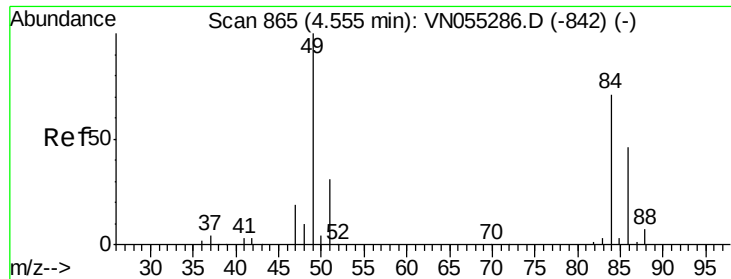
43 100

74 2.5 15.8 23.8#



Abundance Ion 43.00 (42.70 to 43.70): VN055398.D (-701) (-)

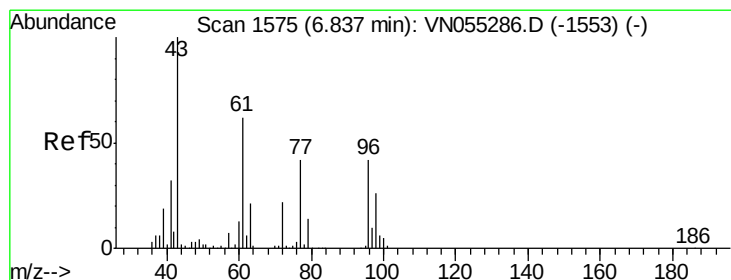
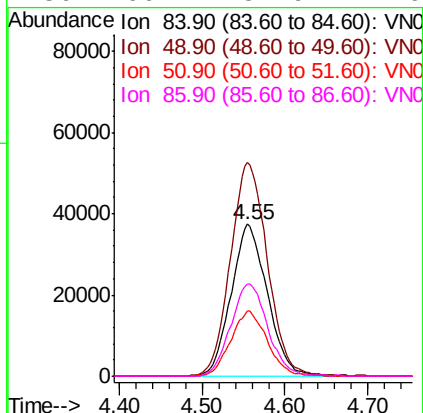
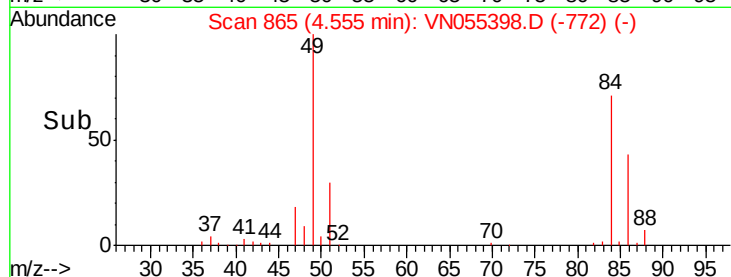
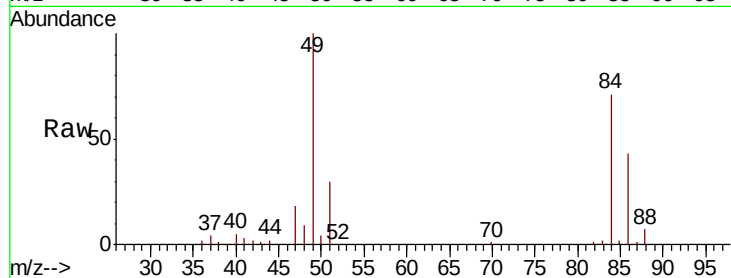




#20
Methvlene Chloride
Concen: 19.387 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055398.D
Acq: 3 May 2019 18:42

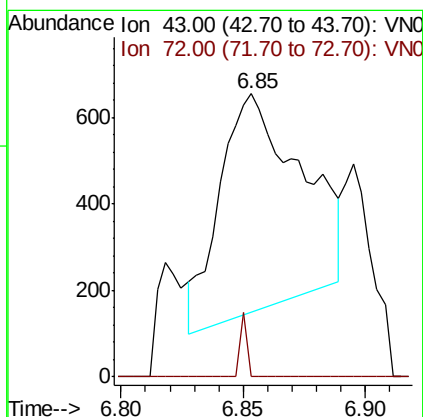
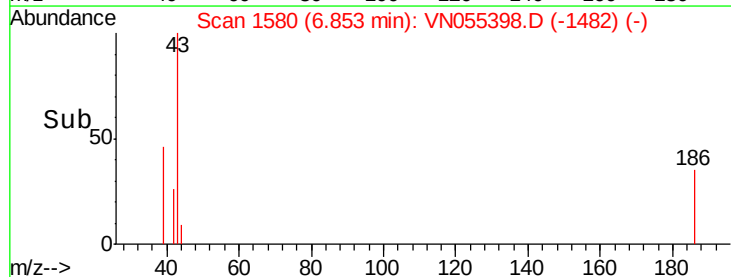
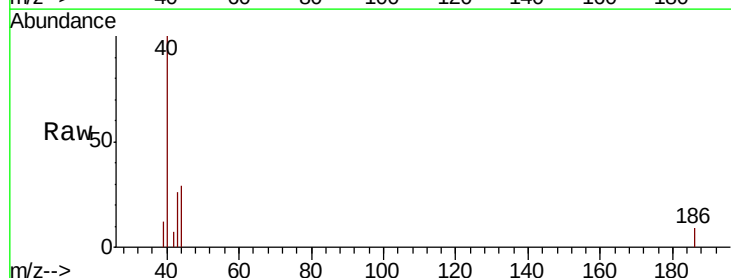
Instrument :
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ClientSampleId :
AU-05-050219-C

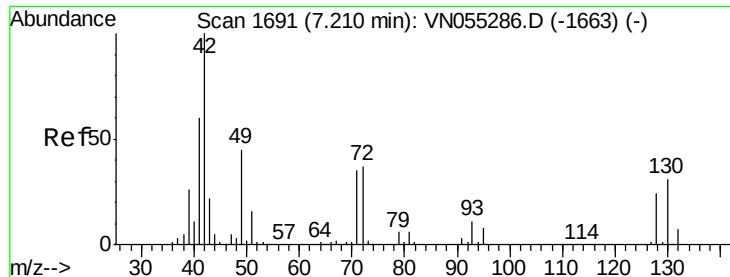
Tot Ion:	84	Resp:	113864
Ion	Ratio	Lower	Upper
84	100		
49	140.6	112.4	168.6
51	42.6	34.6	51.8
86	60.7	51.9	77.9



#25
2-Butanone
Concen: 0.473 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.02 min
Lab File: VN055398.D
Acq: 3 May 2019 18:42

Tgt Ion:	43	Resp:	1165
Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.0	27.0#

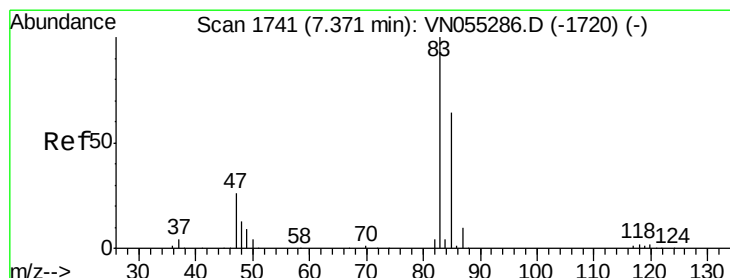
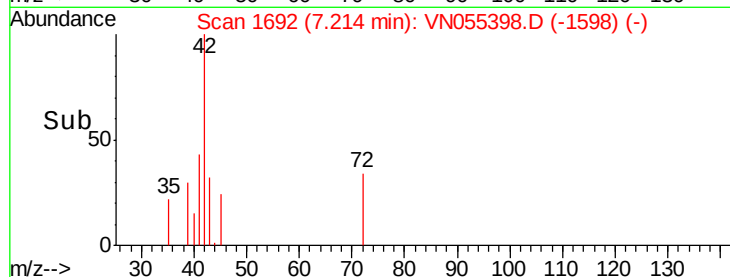
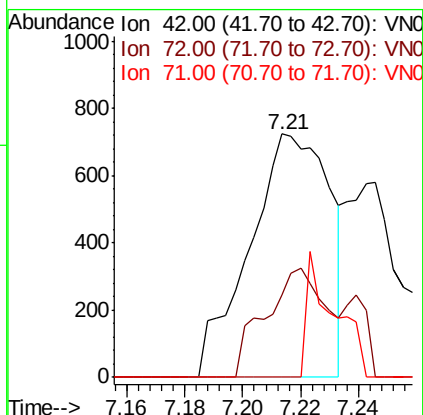
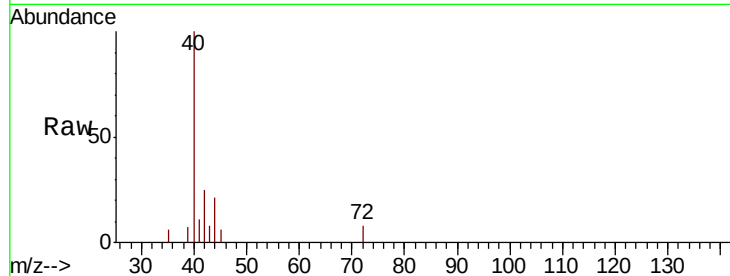




#29
Tetrahydrofuran
Concen: 0.885 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN055398.D
Acq: 3 May 2019 18:42

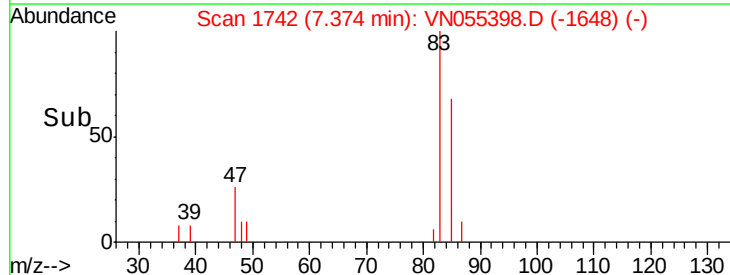
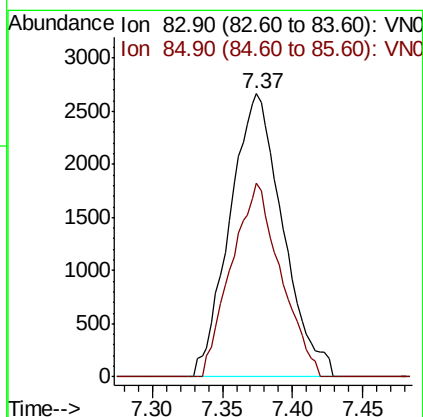
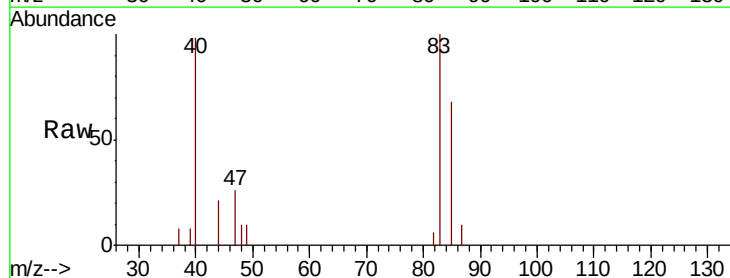
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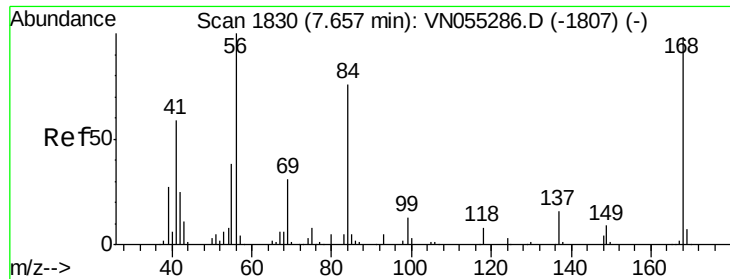
Tot Ion: 42 Resp: 1395
Ion Ratio Lower Upper
42 100
72 34.1 29.0 43.6
71 18.1 27.1 40.7#



#30
Chloroform
Concen: 0.719 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN055398.D
Acq: 3 May 2019 18:42

Tgt Ion: 83 Resp: 6968
Ion Ratio Lower Upper
83 100
85 68.4 51.4 77.2

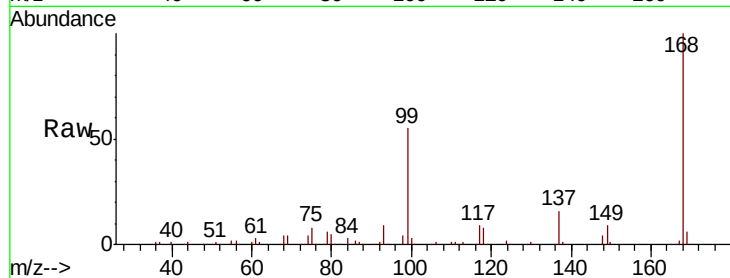




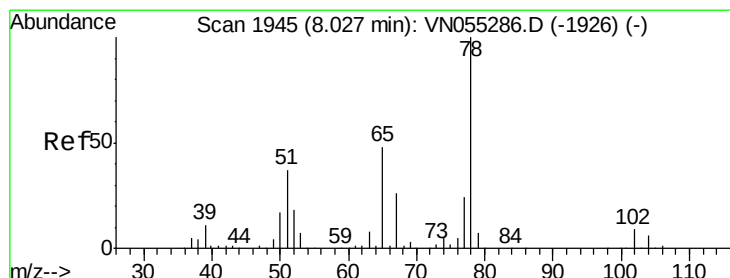
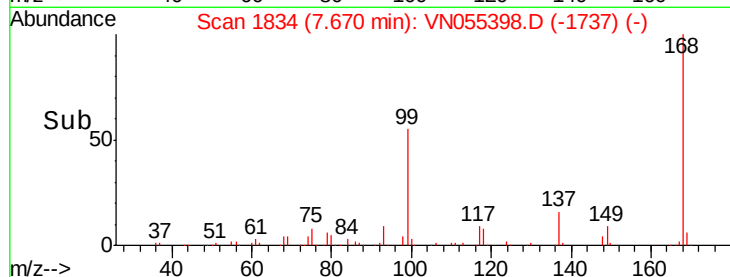
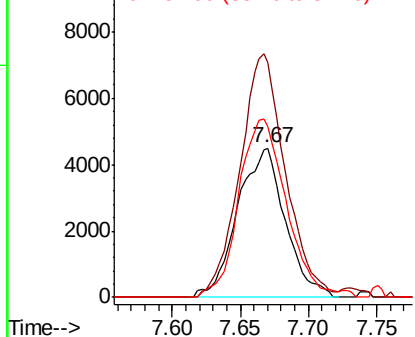
#31
Cyclohexane
Concen: 1.123 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. 0.01 min
Lab File: VN055398.D
Acq: 3 May 2019 18:42

Instrument :
MSVOA_N
ClientSampleId :
AU-05-050219-C

Tot Ion: 56 Resp: 10913
Ion Ratio Lower Upper
56 100
69 152.0 25.2 37.8#
84 110.4 61.1 91.7#

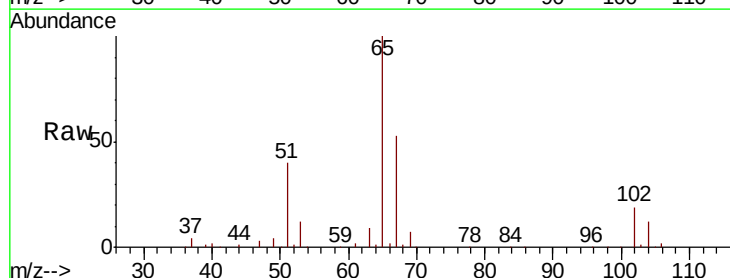


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

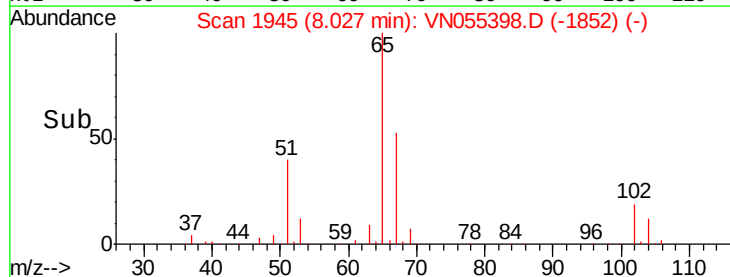
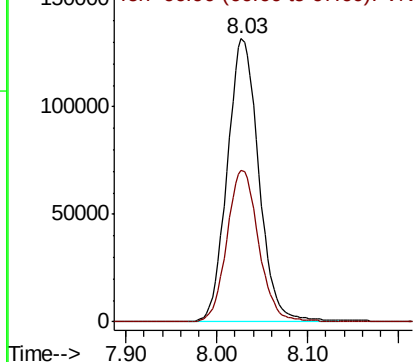


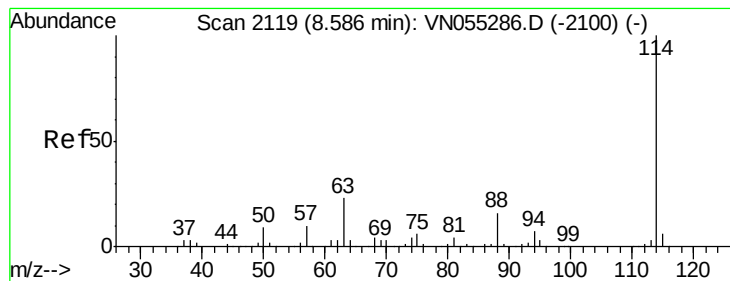
#33
1,2-Dichloroethane-d4
Concen: 51.394 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055398.D
Acq: 3 May 2019 18:42

Tgt Ion: 65 Resp: 317382
Ion Ratio Lower Upper
65 100
67 53.9 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055398.D

Acq: 3 May 2019 18:42

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AU-05-050219-C

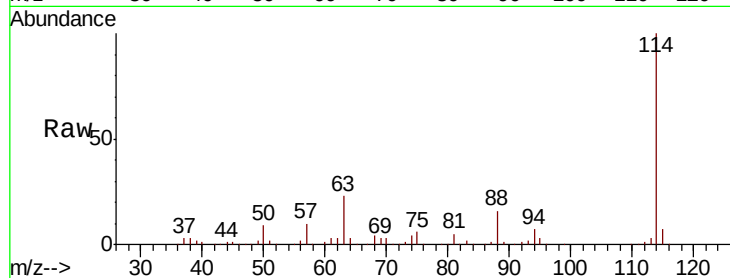
Tot Ion:114 Resp: 805340

Ion Ratio Lower Upper

114 100

63 23.4 0.0 45.2

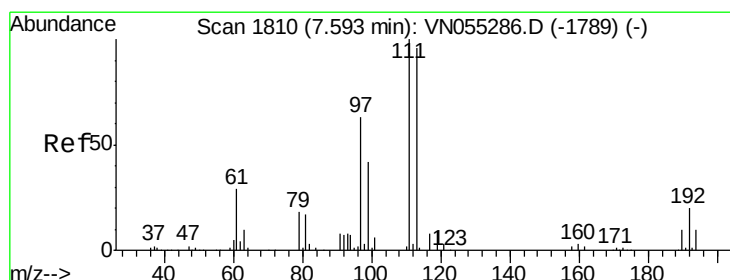
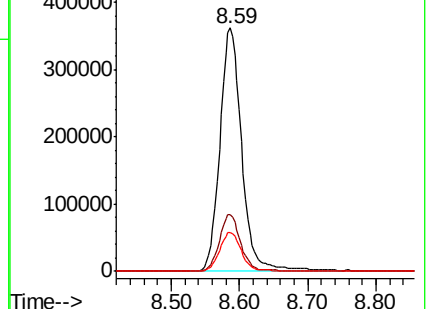
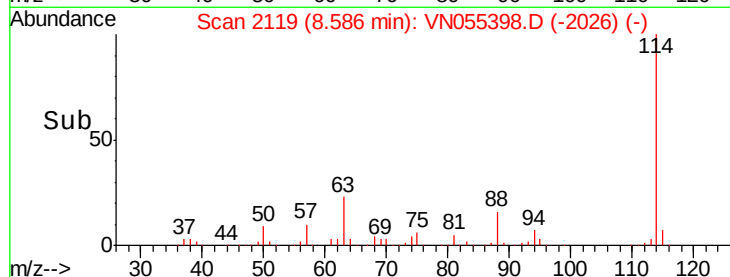
88 15.8 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 48.781 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055398.D

Acq: 3 May 2019 18:42

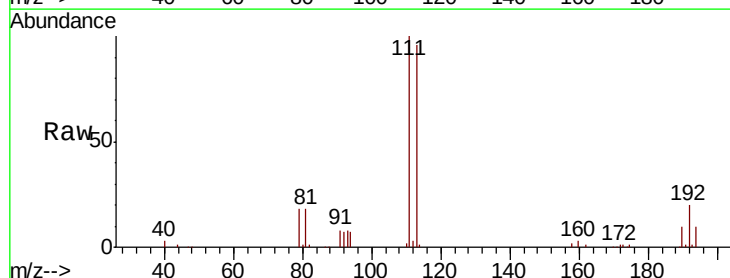
Tgt Ion:113 Resp: 257854

Ion Ratio Lower Upper

113 100

111 102.2 82.3 123.5

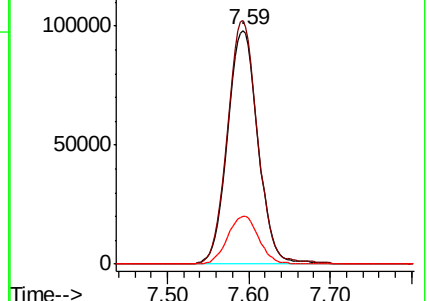
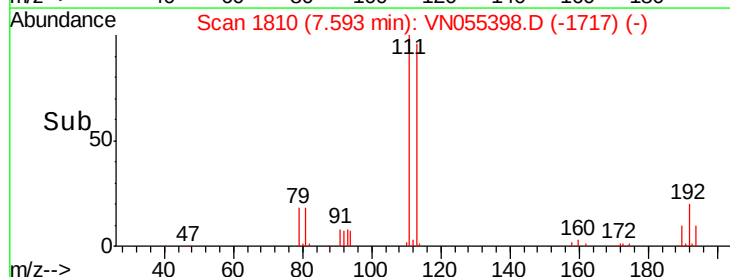
192 20.9 17.0 25.6

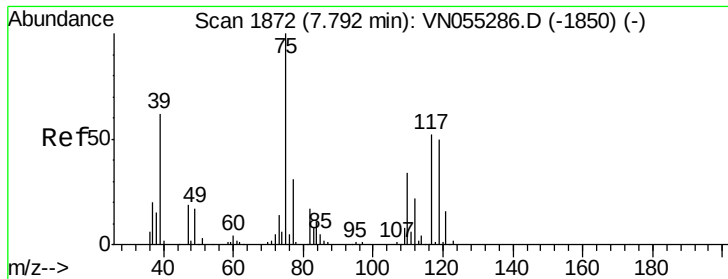


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

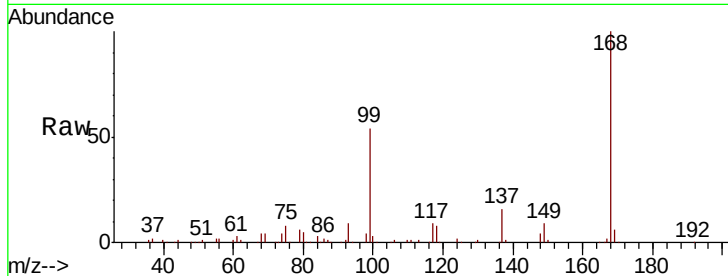




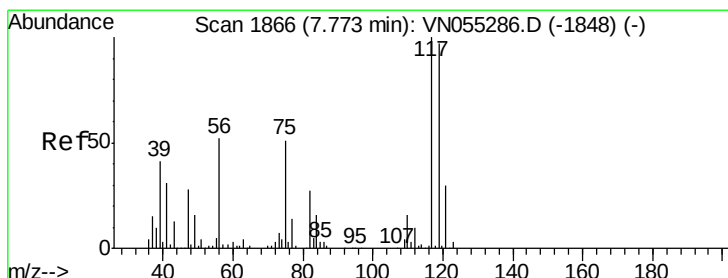
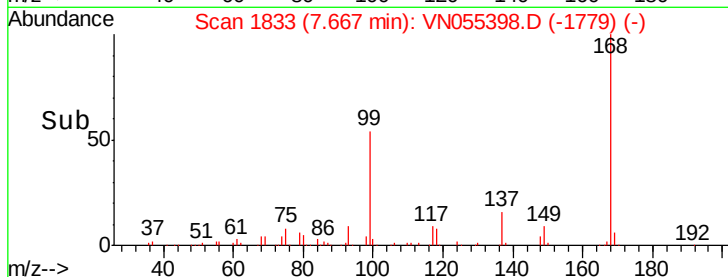
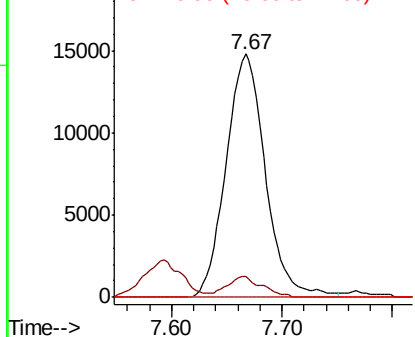
#36
 1,1-Dichloropropene
 Concen: 4.748 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN055398.D
 Acq: 3 May 2019 18:42

Instrument :
 MSVOA_N
 ClientSampleId :
 AU-05-050219-C

Tot Ion: 75 Resp: 36625
 Ion Ratio Lower Upper
 75 100
 110 7.6 16.8 50.4#
 77 0.0 25.0 37.6#

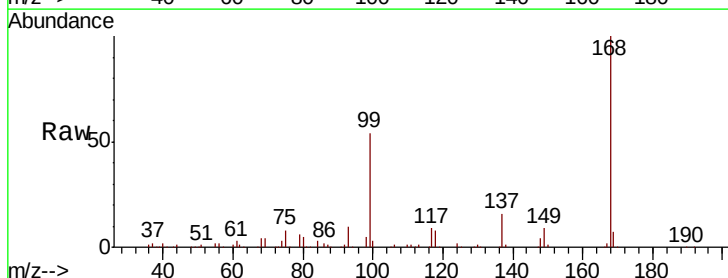


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

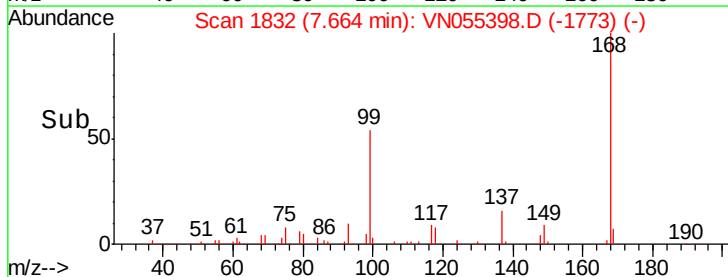
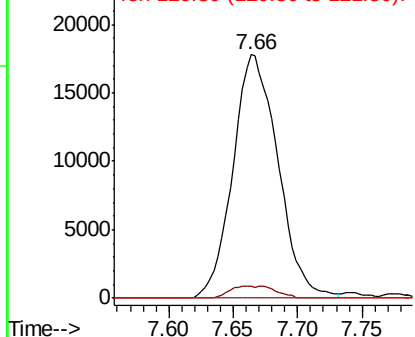


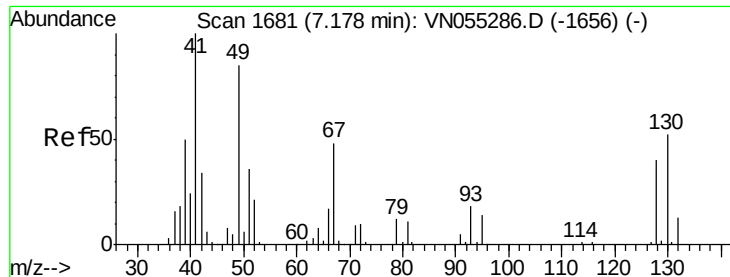
#38
 Carbon Tetrachloride
 Concen: 5.818 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN055398.D
 Acq: 3 May 2019 18:42

Tgt Ion: 117 Resp: 43293
 Ion Ratio Lower Upper
 117 100
 119 4.8 77.0 115.6#
 121 0.0 23.8 35.8#



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





#41

Methacrylonitrile

Concen: 0.850 ug/l

RT: 7.21 min Scan# 1690

Delta R.T. 0.03 min

Lab File: VN055398.D

Acq: 3 May 2019 18:42

Instrument :

MSVOA_N

ClientSampleId :

AU-05-050219-C

Tot Ion: 41 Resp: 357

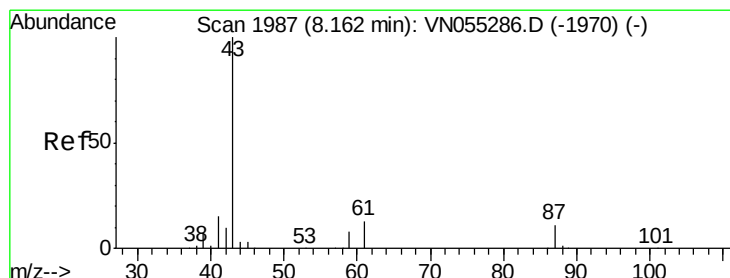
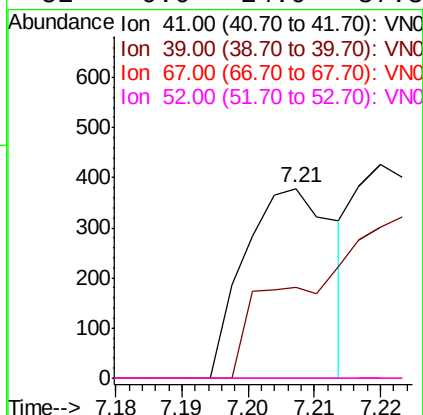
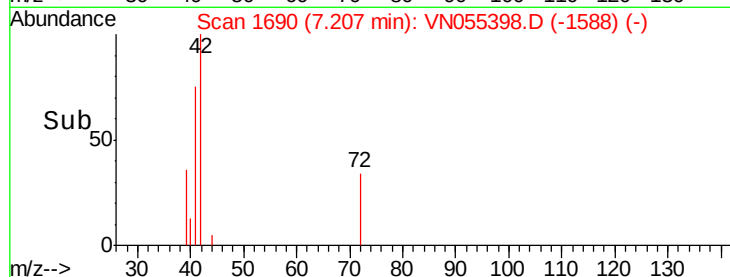
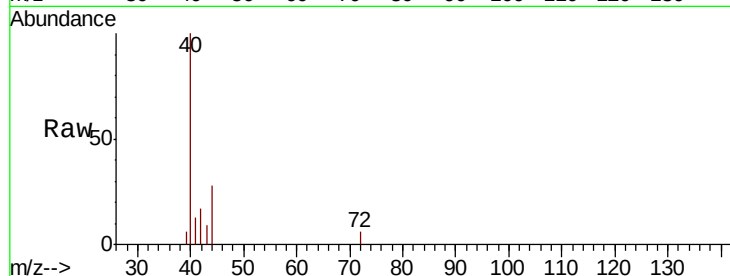
Ion Ratio Lower Upper

41 100

39 0.0 48.5 72.7#

67 0.0 54.9 82.3#

52 0.0 24.9 37.3#



#43

Isopropyl Acetate

Concen: 1.439 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN055398.D

Acq: 3 May 2019 18:42

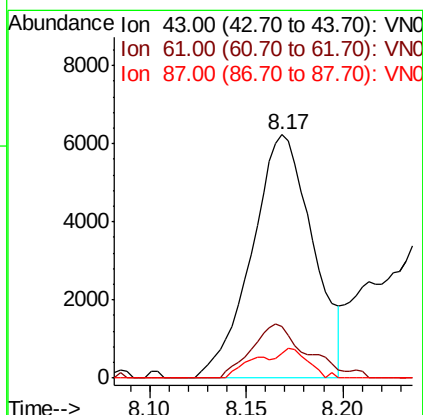
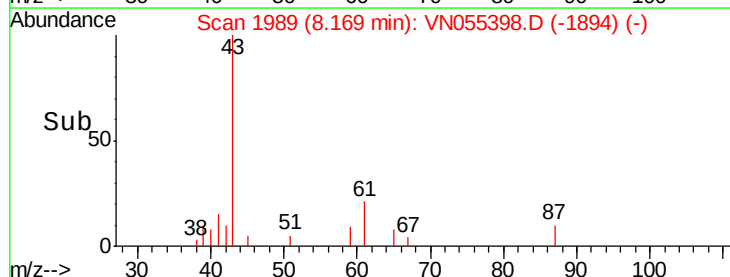
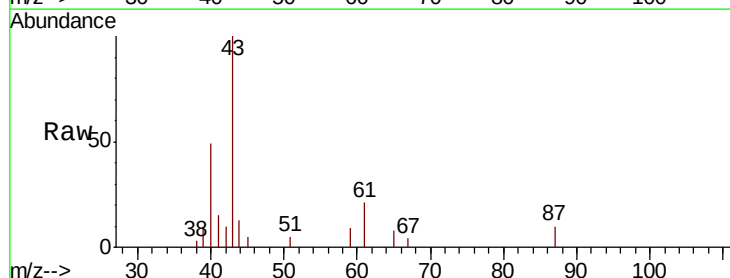
Tgt Ion: 43 Resp: 13673

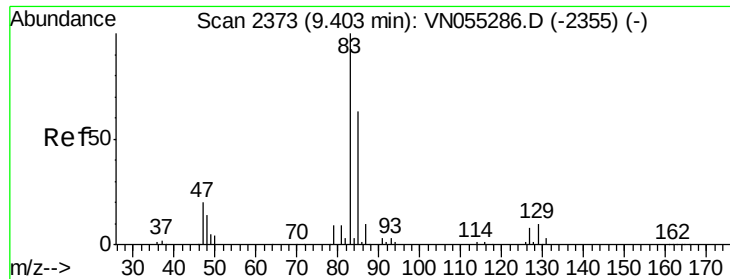
Ion Ratio Lower Upper

43 100

61 20.4 20.8 31.2#

87 6.1 8.5 12.7#





#47

Bromodichloromethane

Concen: 0.261 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055398.D

Acq: 3 May 2019 18:42

Instrument :

MSVOA_N

ClientSampleId :

AU-05-050219-C

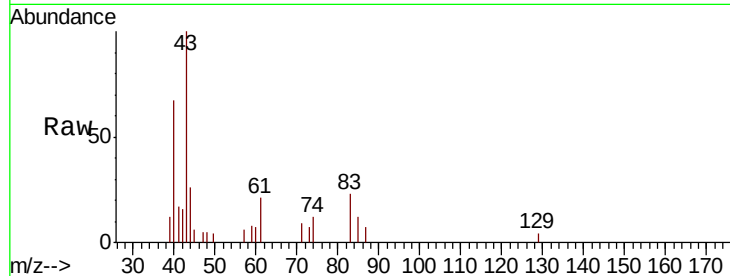
Tot Ion: 83 Resp: 2009

Ion Ratio Lower Upper

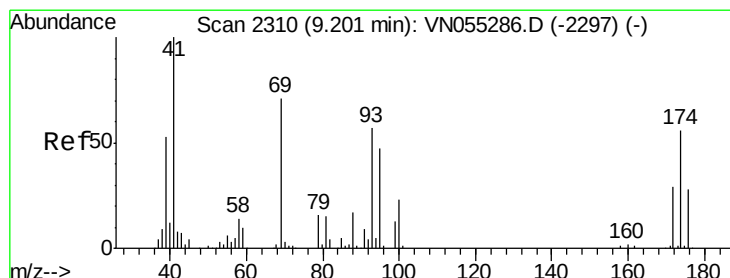
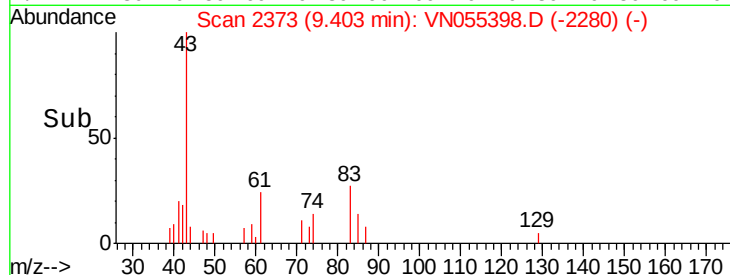
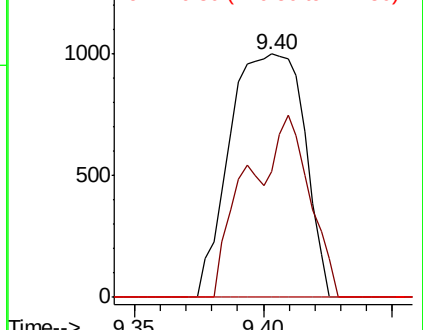
83 100

85 51.5 50.1 75.1

127 0.0 6.7 10.1#



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



#48

Methyl methacrylate

Concen: 1.663 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN055398.D

Acq: 3 May 2019 18:42

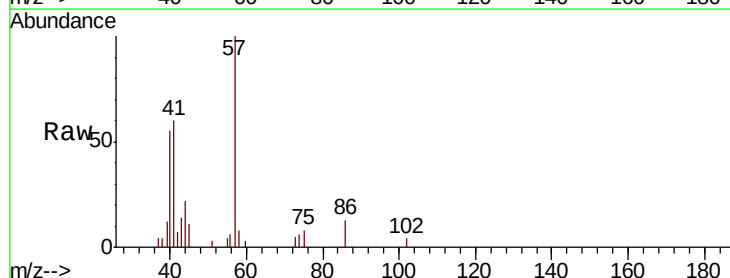
Tgt Ion: 41 Resp: 7766

Ion Ratio Lower Upper

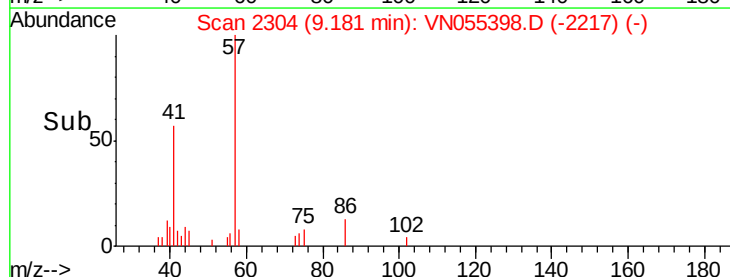
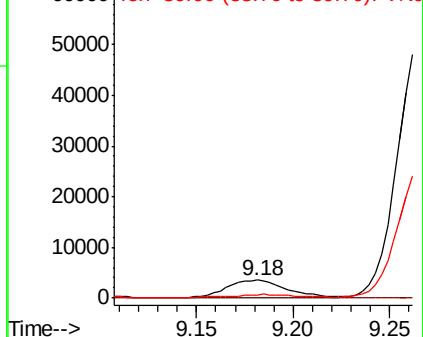
41 100

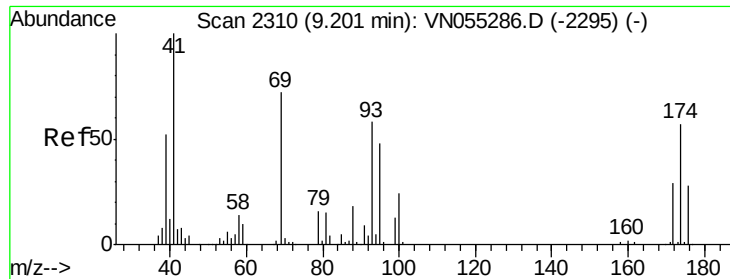
69 0.0 58.6 87.8#

39 23.0 43.8 65.6#



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





#49

1,4-Dioxane

Concen: 1.284 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.07 min

Lab File: VN055398.D

Acq: 3 May 2019 18:42

Instrument :

MSVOA_N

ClientSampleId :

AU-05-050219-C

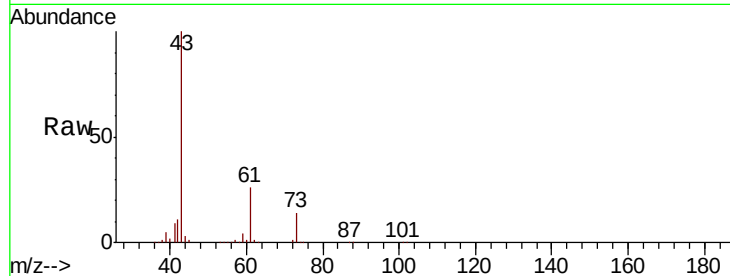
Tot Ion: 88 Resp: 62

Ion Ratio Lower Upper

88 100

43 1902222.6 33.3 49.9#

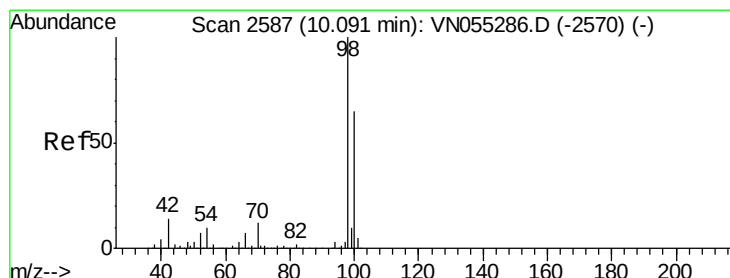
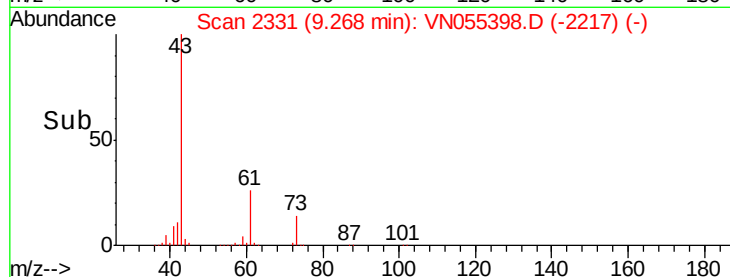
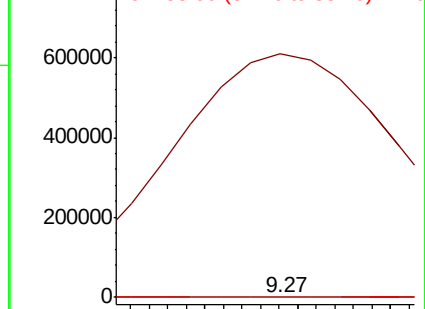
58 7856.5 62.7 94.1#



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: 52.087 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055398.D

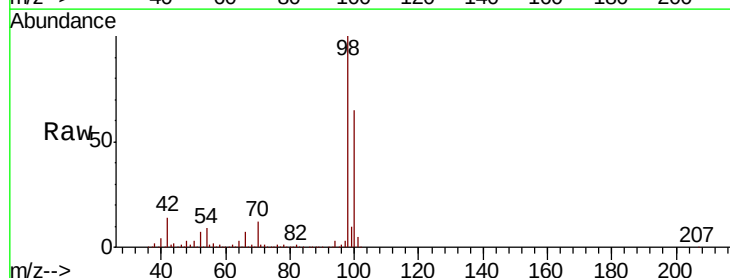
Acq: 3 May 2019 18:42

Tgt Ion: 98 Resp: 994195

Ion Ratio Lower Upper

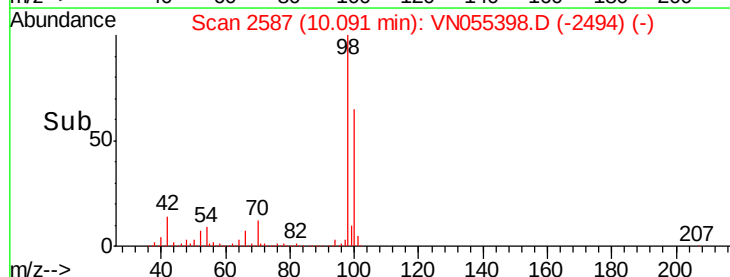
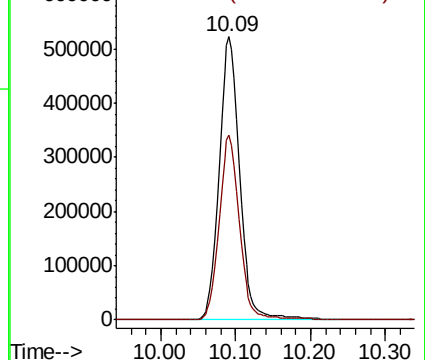
98 100

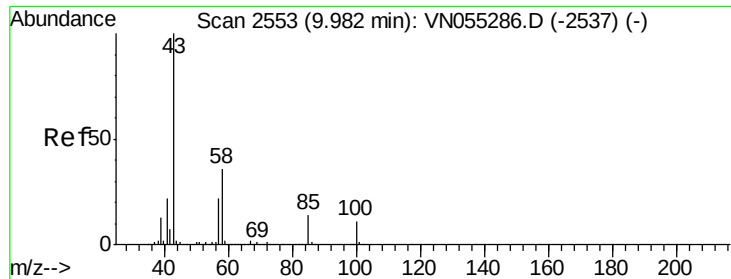
100 64.1 51.7 77.5



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: 0.794 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055398.D

Acq: 3 May 2019 18:42

Instrument :

MSVOA_N

ClientSampleId :

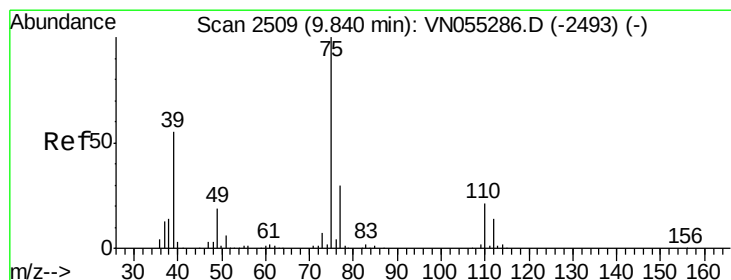
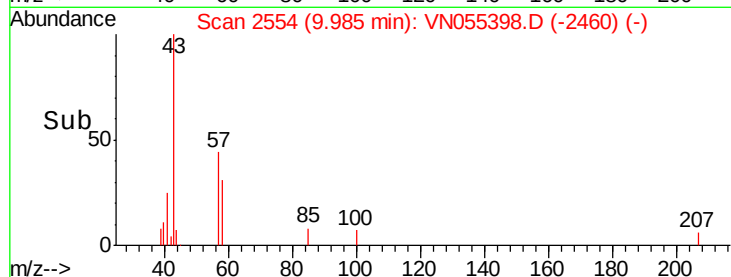
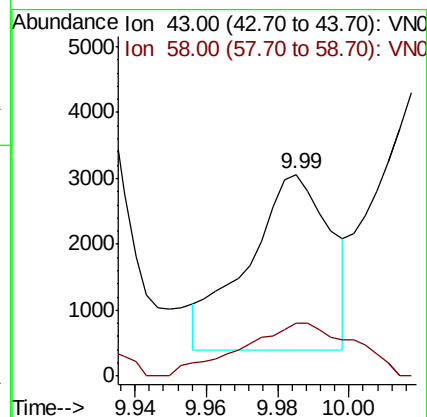
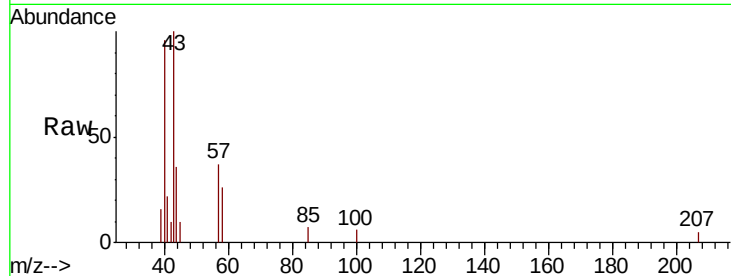
AU-05-050219-C

Tot Ion: 43 Resp: 4245

Ion Ratio Lower Upper

43 100

58 41.0 28.5 42.7



#54

cis-1,3-Dichloropropene

Concen: 6.004 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN055398.D

Acq: 3 May 2019 18:42

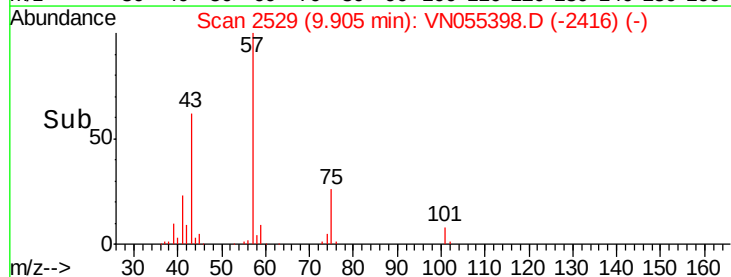
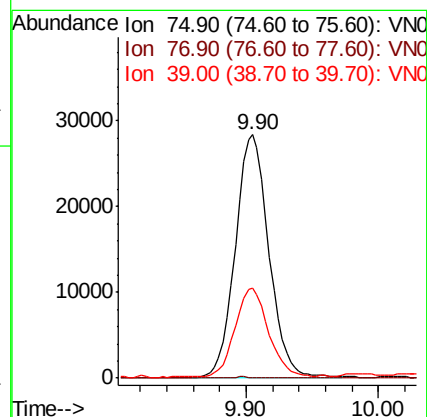
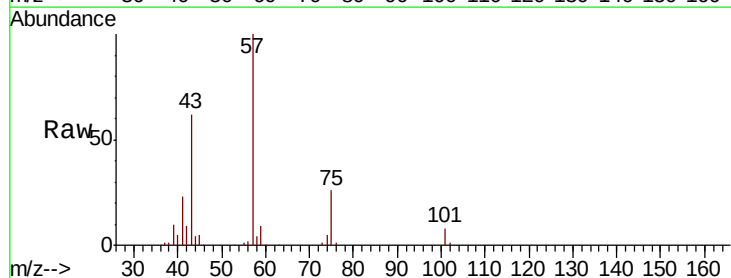
Tgt Ion: 75 Resp: 49976

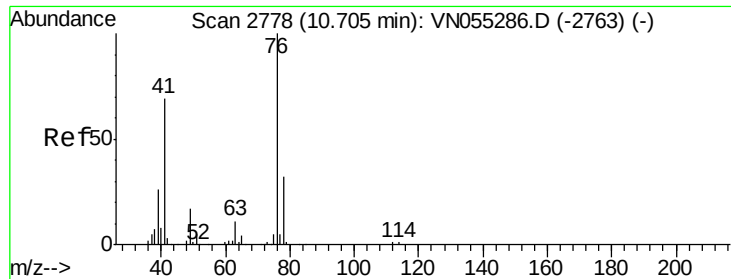
Ion Ratio Lower Upper

75 100

77 0.0 24.2 36.2#

39 36.5 44.2 66.2#





#57

1,3-Dichloropropane

Concen: 1.111 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN055398.D

Acq: 3 May 2019 18:42

Instrument :

MSVOA_N

ClientSampleId :

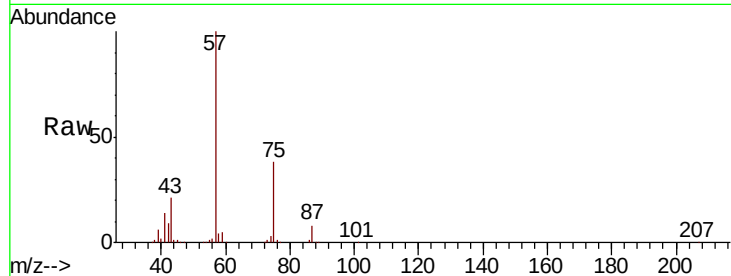
AU-05-050219-C

Tot Ion: 76 Resp: 9446

Ion Ratio Lower Upper

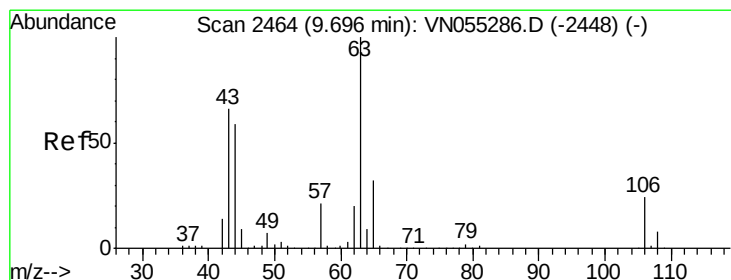
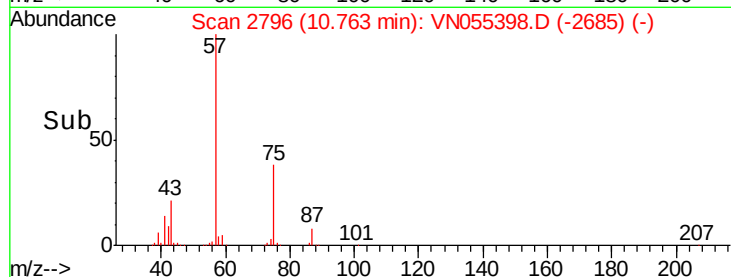
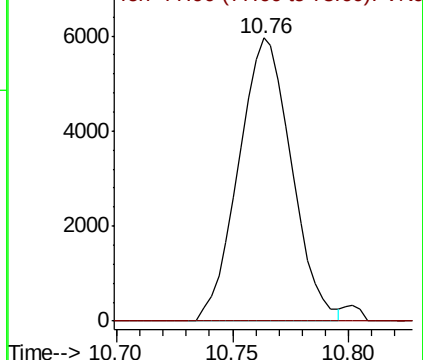
76 100

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



#58

2-Chloroethyl Vinyl ether

Concen: 12.486 ug/l

RT: 9.91 min Scan# 2530

Delta R.T. 0.21 min

Lab File: VN055398.D

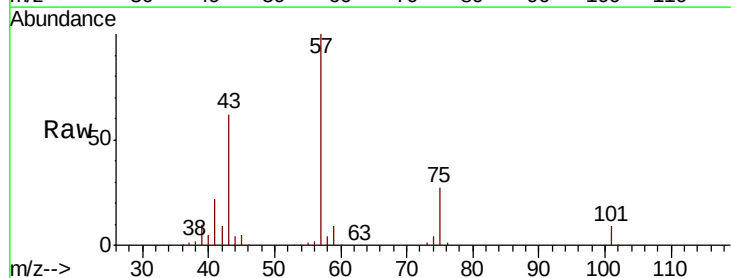
Acq: 3 May 2019 18:42

Tgt Ion: 63 Resp: 157

Ion Ratio Lower Upper

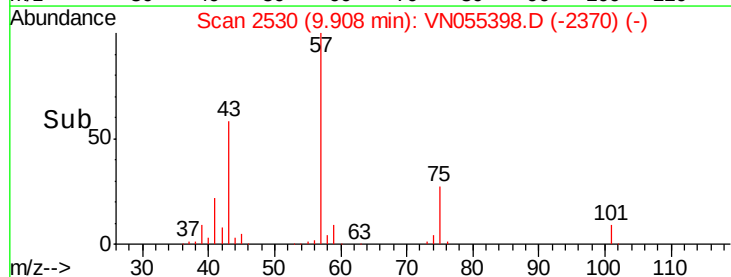
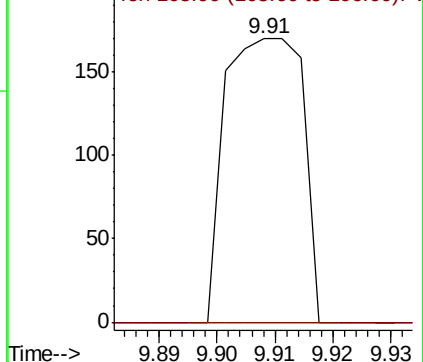
63 100

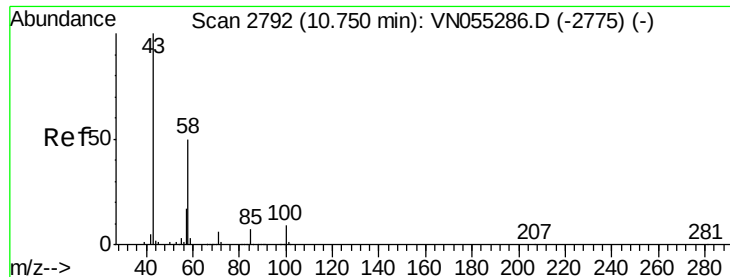
106 0.0 19.0 28.4#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

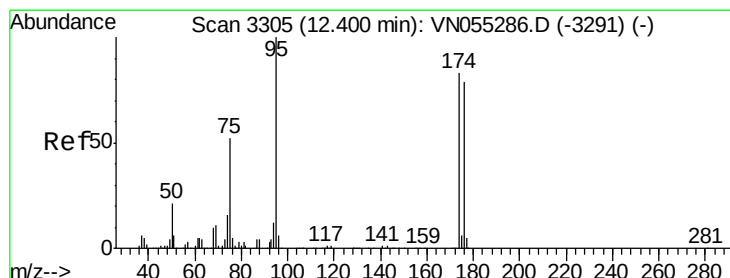
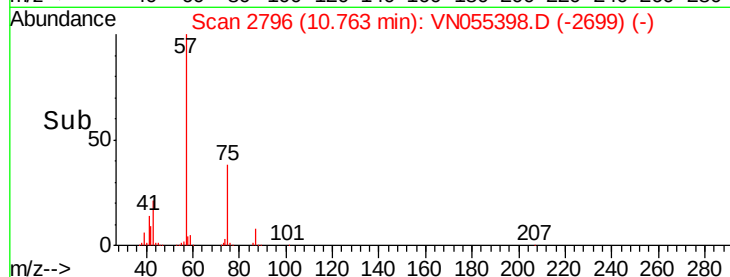
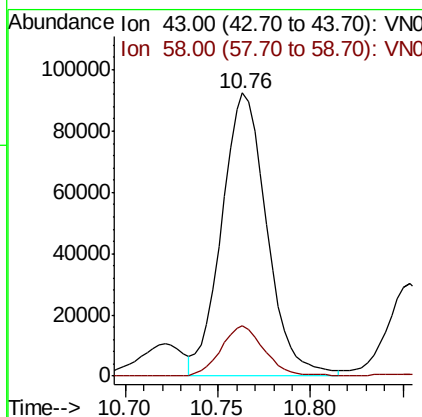
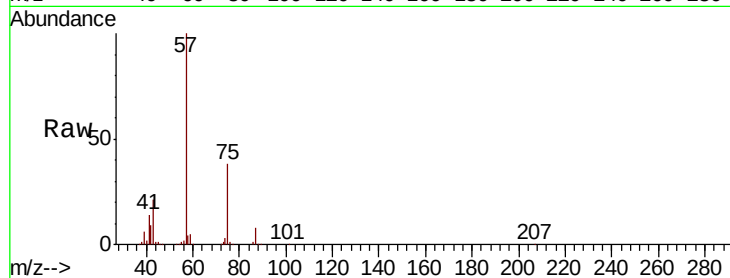




#59
2-Hexanone
Concen: 46.275 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN055398.D
Acq: 3 May 2019 18:42

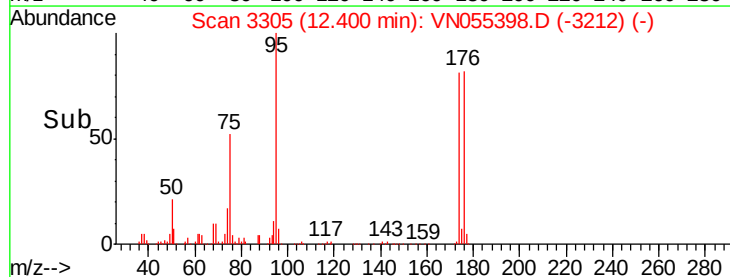
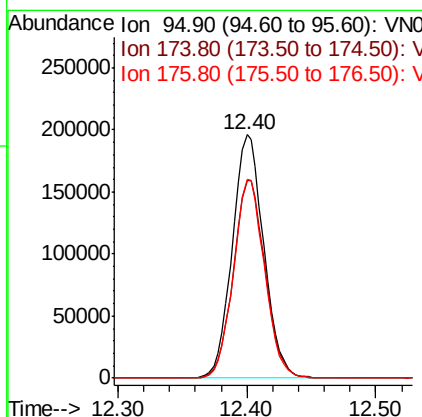
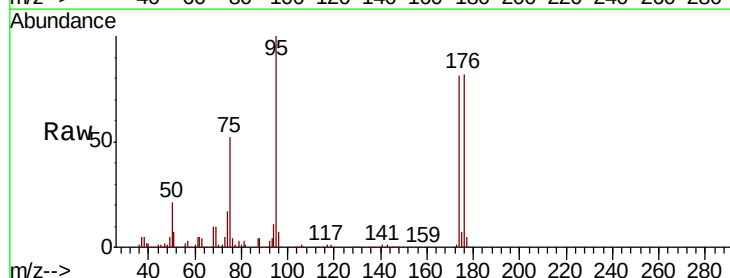
Instrument :
MSVOA_N
ClientSampleId :
AU-05-050219-C

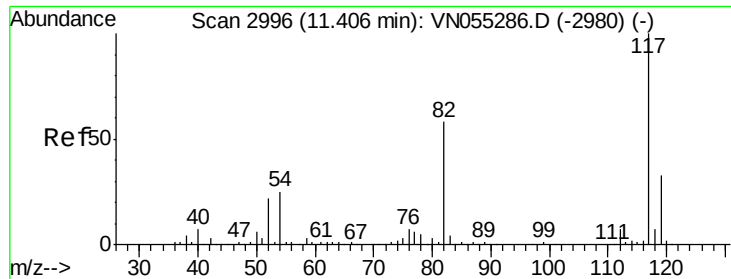
Tot Ion: 43 Resp: 154880
Ion Ratio Lower Upper
43 100
58 17.3 24.9 74.6#



#62
4-Bromofluorobenzene
Concen: 55.589 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055398.D
Acq: 3 May 2019 18:42

Tgt Ion: 95 Resp: 331613
Ion Ratio Lower Upper
95 100
174 82.2 0.0 166.6
176 80.8 0.0 157.8

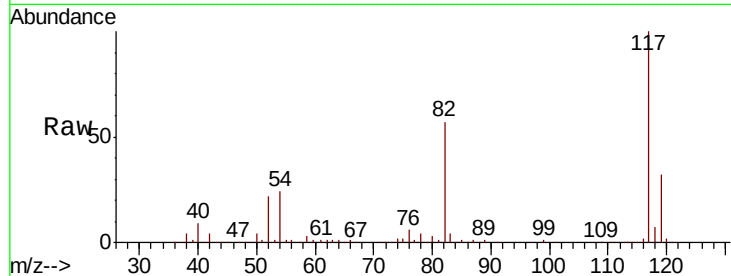




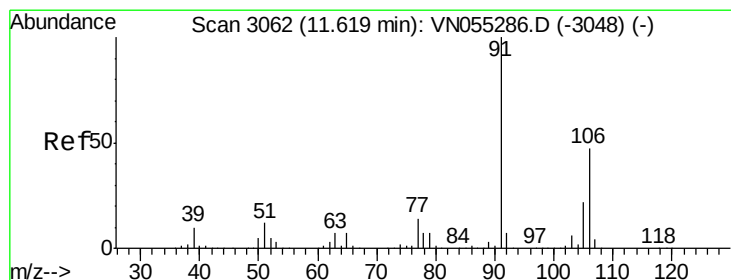
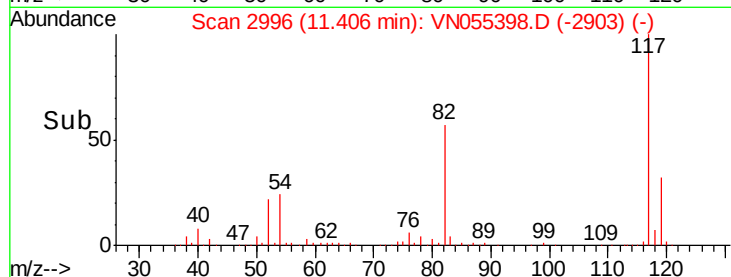
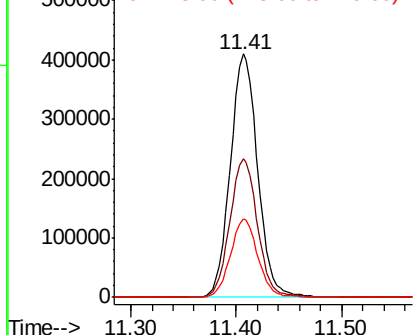
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055398.D
Acq: 3 May 2019 18:42

Instrument :
MSVOA_N
ClientSampled :
AU-05-050219-C

Tot Ion:117 Resp: 73530
Ion Ratio Lower Upper
117 100
82 57.1 46.2 69.4
119 32.0 26.6 40.0

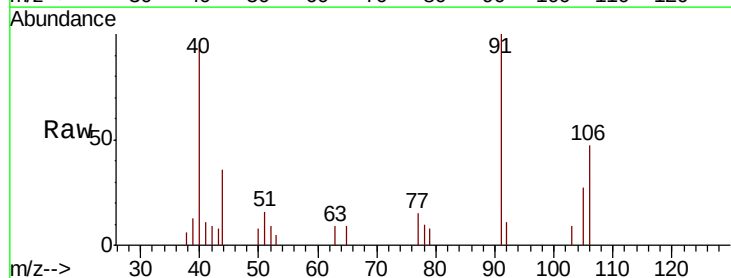


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

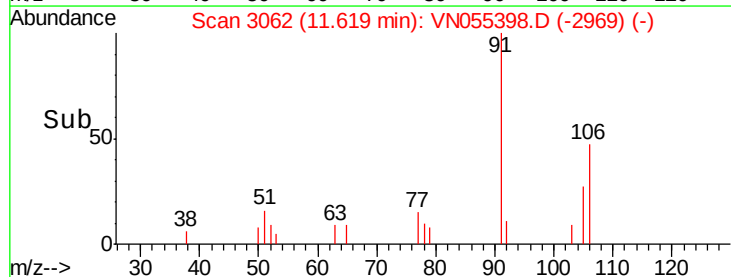
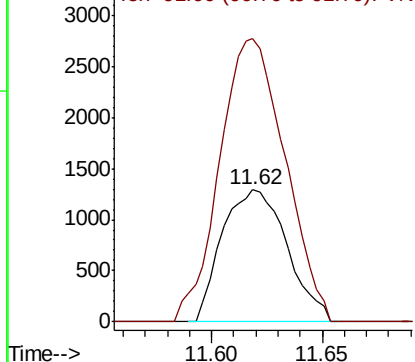


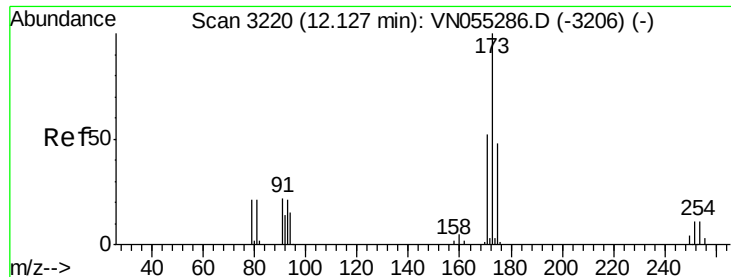
#68
m/p-Xylenes
Concen: 0.285 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055398.D
Acq: 3 May 2019 18:42

Tgt Ion:106 Resp: 2643
Ion Ratio Lower Upper
106 100
91 215.7 169.5 254.3



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





#71

Bromoform

Concen: 0.989 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.27 min

Lab File: VN055398.D

Acq: 3 May 2019 18:42

Instrument :

MSVOA_N

ClientSampleId :

AU-05-050219-C

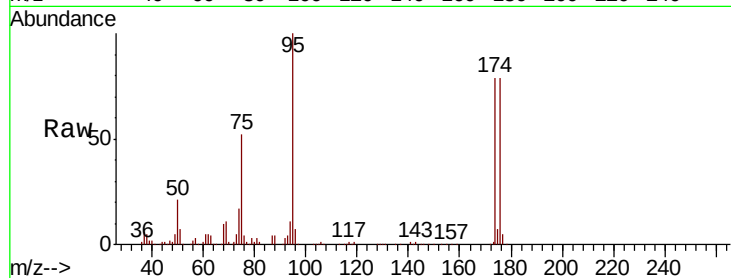
Tot Ion:173 Resp: 3089

Ion Ratio Lower Upper

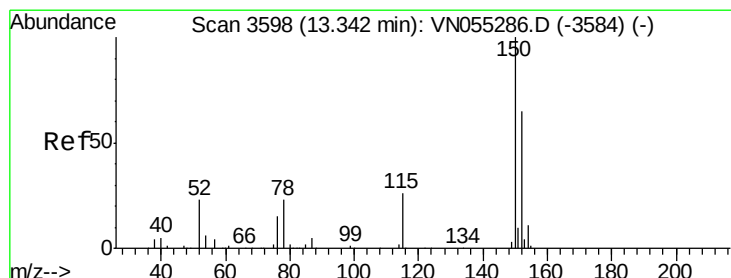
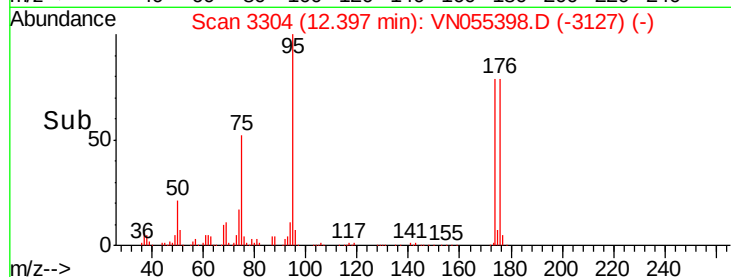
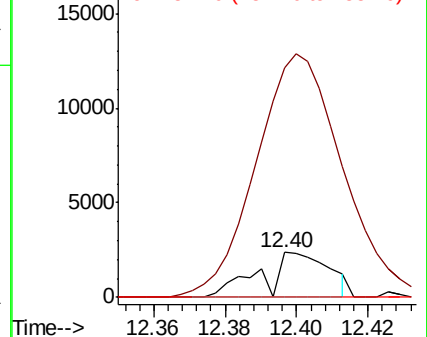
173 100

175 610.6 23.6 71.0#

254 0.0 0.0 0.0



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: VN055398.D

Acq: 3 May 2019 18:42

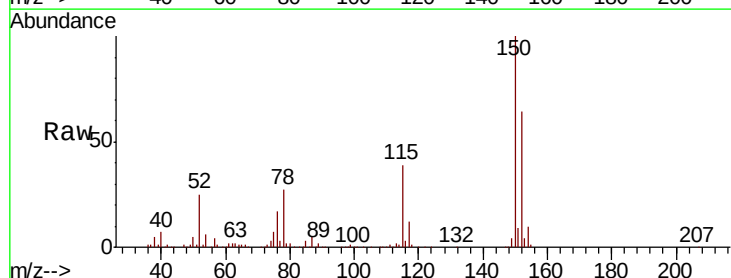
Tgt Ion:152 Resp: 243146

Ion Ratio Lower Upper

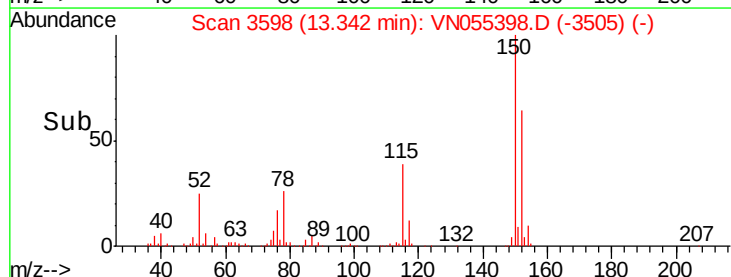
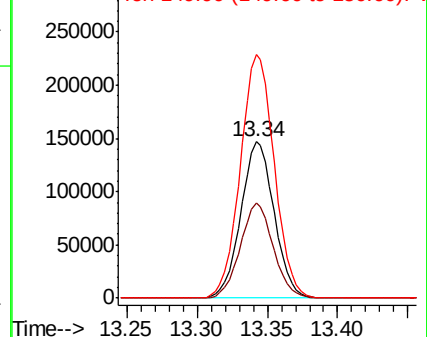
152 100

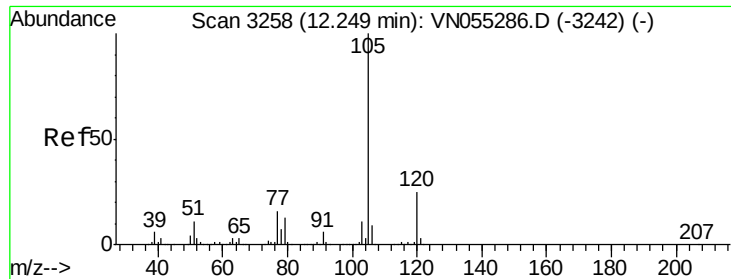
115 60.1 29.0 87.0

150 158.6 0.0 345.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.24 min Scan# 3256

Delta R.T. -0.01 min

Lab File: VN055398.D

Acq: 3 May 2019 18:42

Instrument :

MSVOA_N

ClientSampled :

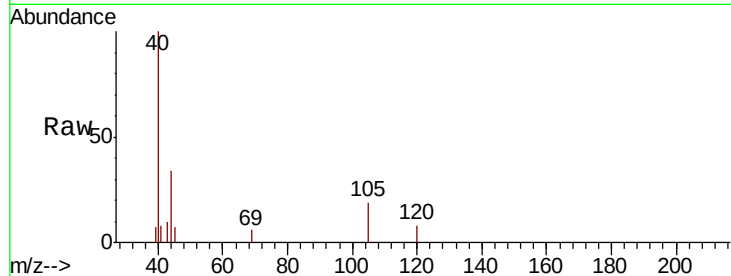
AU-05-050219-C

Tot Ion:105 Resp: 742

Ion Ratio Lower Upper

105 100

120 15.9 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.24

600

500

400

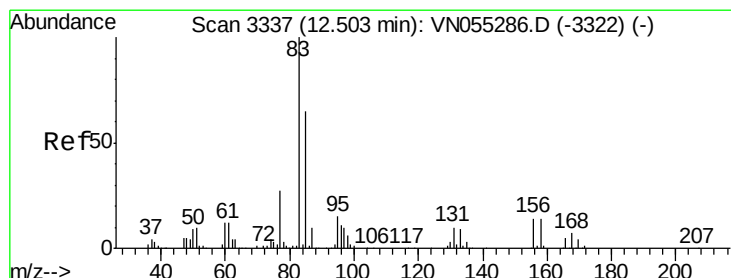
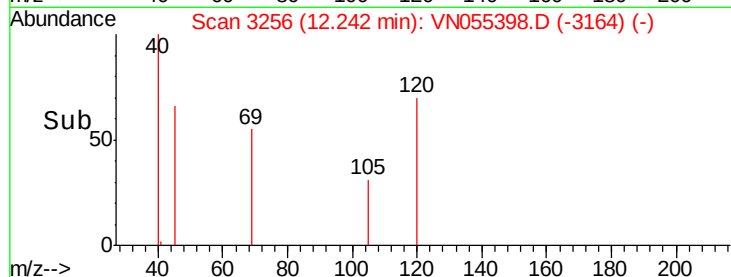
300

200

100

0

Time--> 12.20



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.55 min Scan# 3352

Delta R.T. 0.05 min

Lab File: VN055398.D

Acq: 3 May 2019 18:42

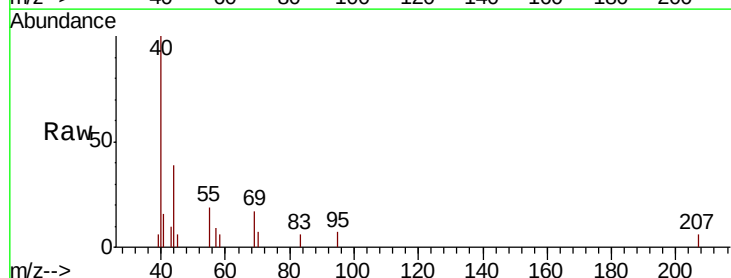
Tgt Ion: 83 Resp: 30

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.2#

85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V

200

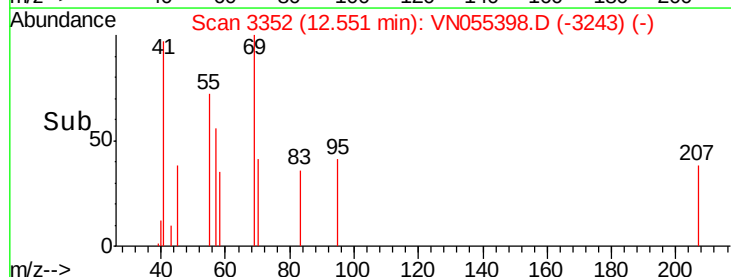
150

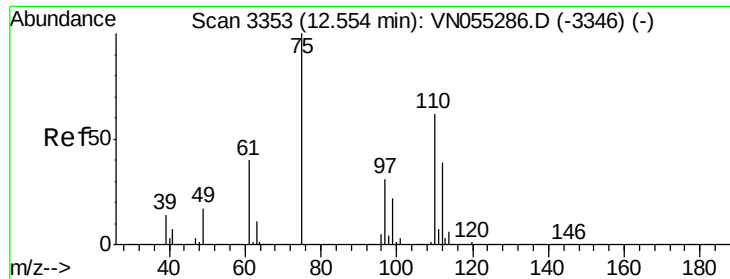
100

50

0

Time--> 12.54





#76

1,2,3-Trichloropropane

Concen: 37.611 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055398.D

Acq: 3 May 2019 18:42

Instrument :

MSVOA_N

ClientSampleId :

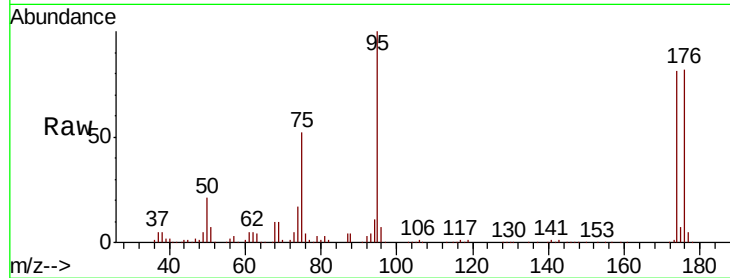
AU-05-050219-C

Tot Ion: 75 Resp: 172802

Ion Ratio Lower Upper

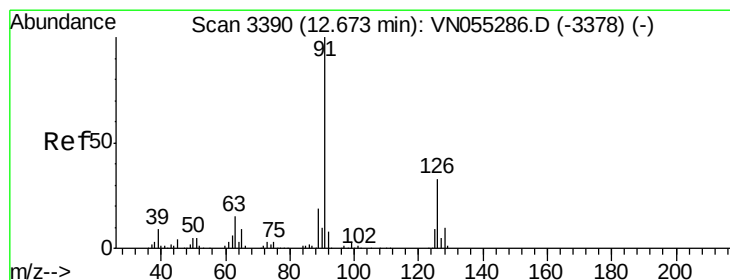
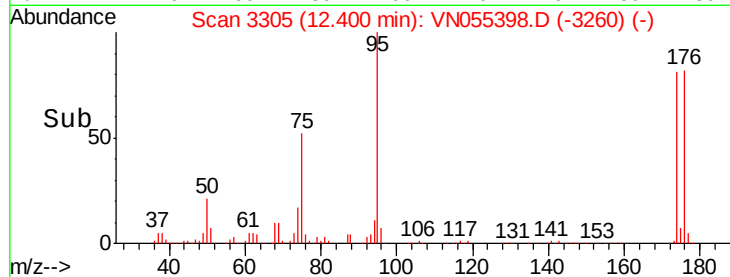
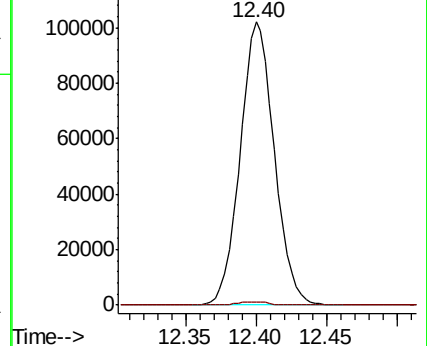
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN055398.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN055398.D (-3260) (-)



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055398.D

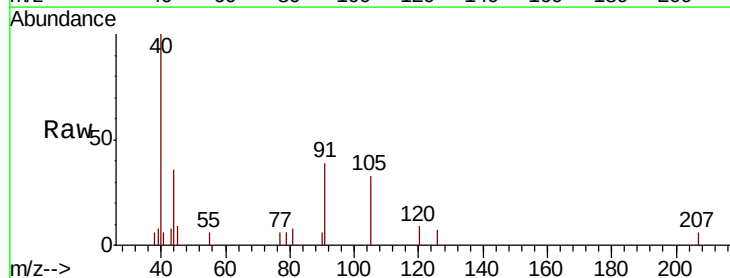
Acq: 3 May 2019 18:42

Tgt Ion: 91 Resp: 2369

Ion Ratio Lower Upper

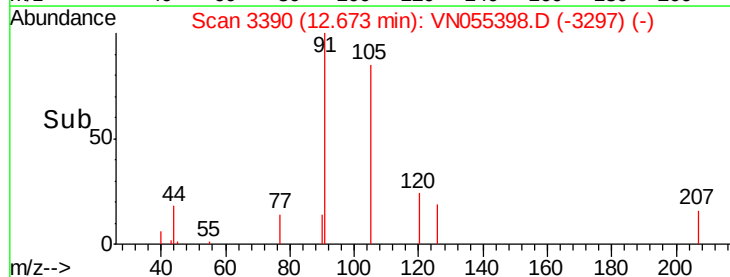
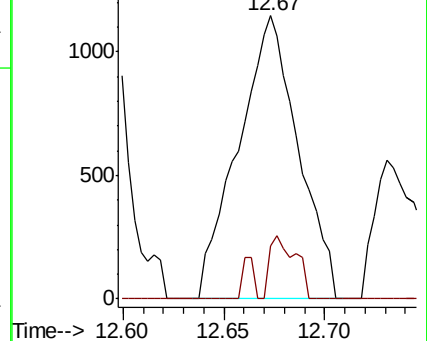
91 100

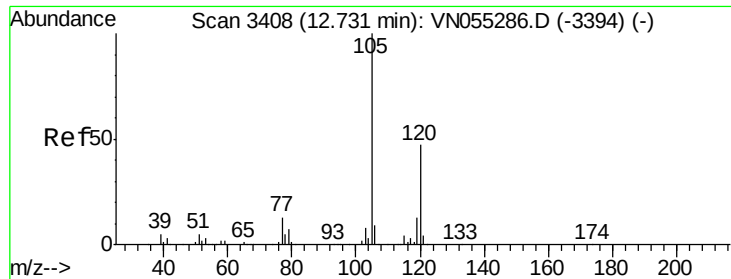
126 9.8 16.6 49.7#



Abundance Ion 91.00 (90.70 to 91.70): VN055398.D (-3297) (-)

Ion 125.90 (125.60 to 126.60): VN055398.D (-3297) (-)

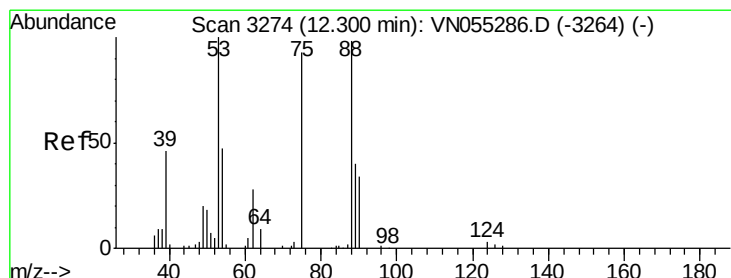
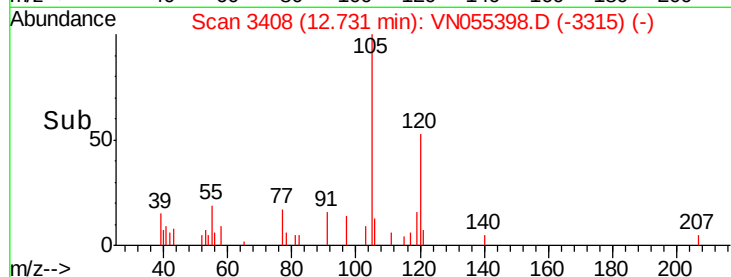
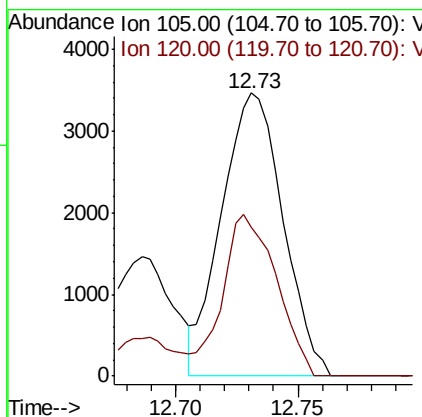
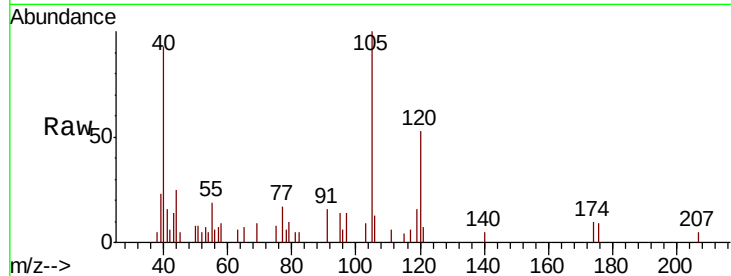




#80
 1,3,5-Trimethylbenzene
 Concen: 0.318 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055398.D
 Acq: 3 May 2019 18:42

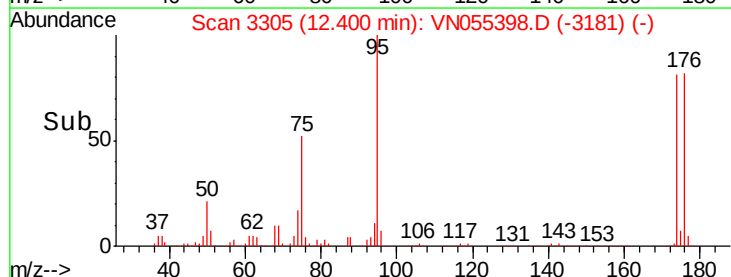
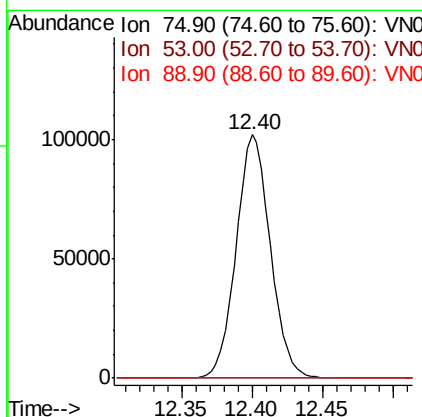
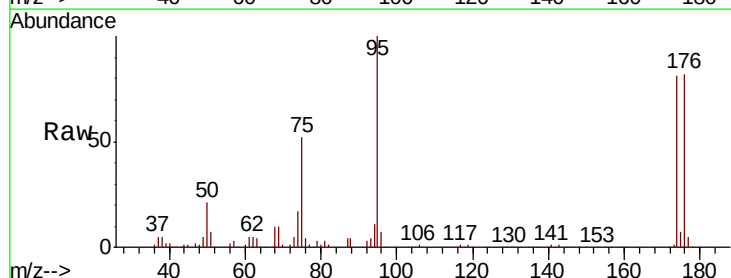
Instrument :
 MSVOA_N
 ClientSampleId :
 AU-05-050219-C

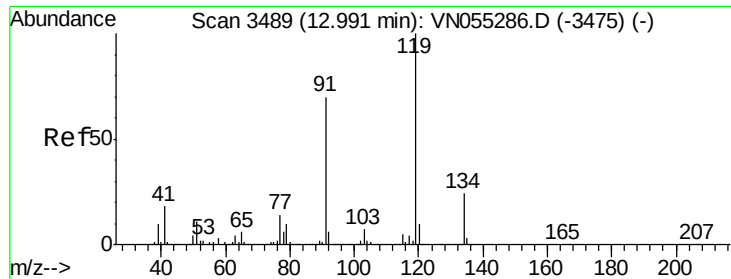
Tot Ion:105 Resp: 6062
 Ion Ratio Lower Upper
 105 100
 120 50.2 23.4 70.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 134.681 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN055398.D
 Acq: 3 May 2019 18:42

Tgt Ion: 75 Resp: 172802
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.3 129.5#
 89 0.0 34.6 51.8#

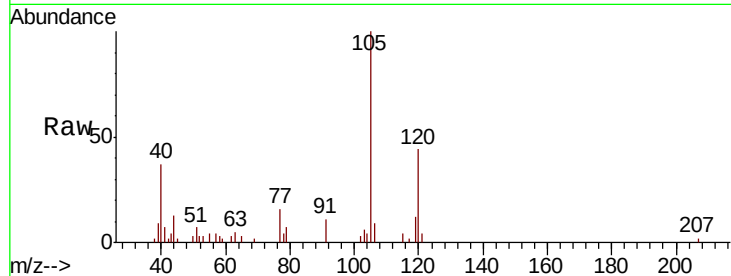




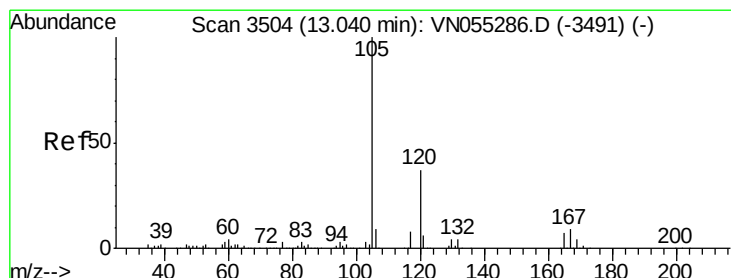
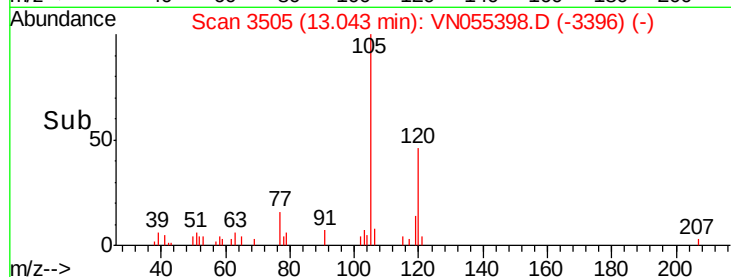
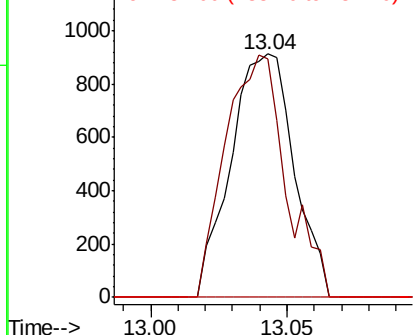
#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.05 min
 Lab File: VN055398.D
 Acq: 3 May 2019 18:42

Instrument :
 MSVOA_N
 ClientSampleId :
 AU-05-050219-C

Tot Ion:119 Resp: 1469
 Ion Ratio Lower Upper
 119 100
 91 95.6 34.3 102.9
 134 0.0 13.1 39.3#

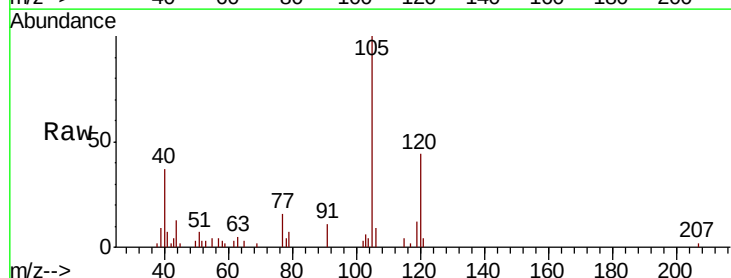


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

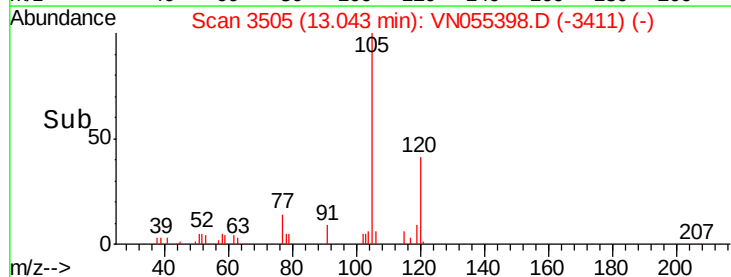
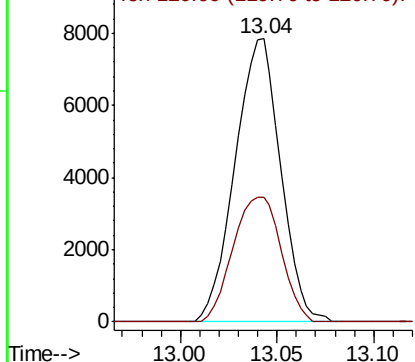


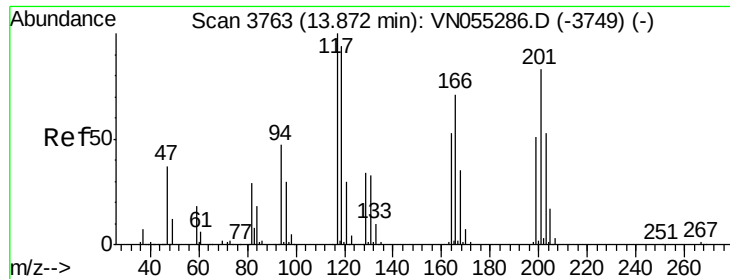
#84
 1,2,4-Trimethylbenzene
 Concen: 0.755 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN055398.D
 Acq: 3 May 2019 18:42

Tgt Ion:105 Resp: 12868
 Ion Ratio Lower Upper
 105 100
 120 46.6 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#90

Hexachloroethane

Concen: Below Cal

RT: 13.88 min Scan# 3765

Delta R.T. 0.01 min

Lab File: VN055398.D

Acq: 3 May 2019 18:42

Instrument :

MSVOA_N

ClientSampleId :

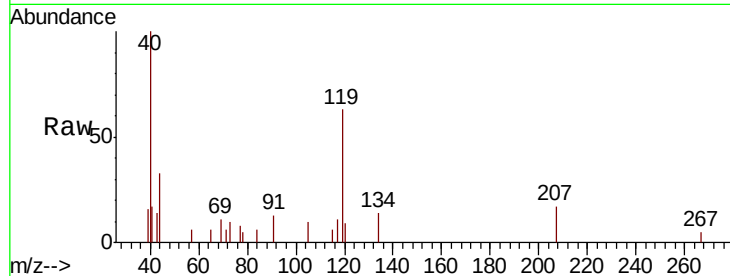
AU-05-050219-C

Tot Ion:117 Resp: 260

Ion Ratio Lower Upper

117 100

201 0.0 41.9 125.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.88

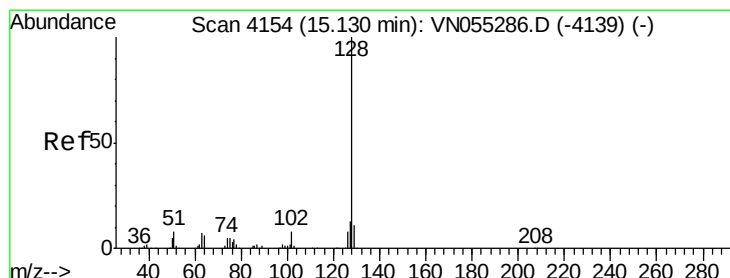
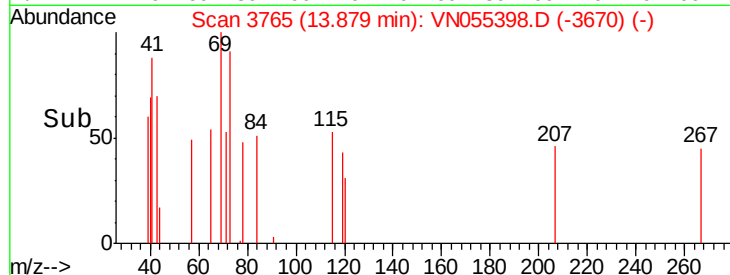
300

200

100

0

Time-->



#95

Naphthalene

Concen: 6.355 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055398.D

Acq: 3 May 2019 18:42

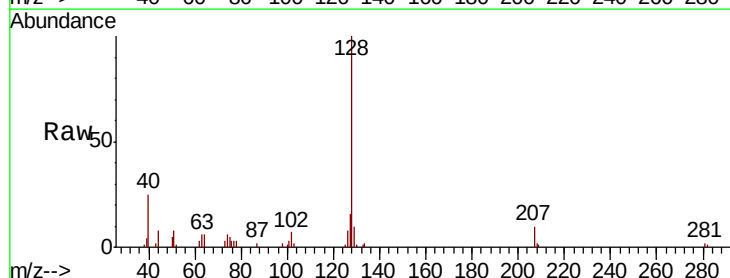
Tgt Ion:128 Resp: 21913

Ion Ratio Lower Upper

128 100

127 14.5 10.7 16.1

129 11.3 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

15.13

15000

10000

5000

0

Time-->

