

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052419\
 Data File : VN055814.D
 Acq On : 24 May 2019 23:39
 Operator : JC/SP
 Sample : K3037-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-20190523

Quant Time: May 25 04:32:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	457976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	642396	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	575047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	198970	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	209225	44.24	ug/l	0.00
Spiked Amount			Recovery	=	88.48%	
35) Dibromofluoromethane	7.59	113	193165	47.56	ug/l	0.00
Spiked Amount			Recovery	=	95.12%	
50) Toluene-d8	10.09	98	759007	48.72	ug/l	0.00
Spiked Amount			Recovery	=	97.44%	
62) 4-Bromofluorobenzene	12.40	95	242839	45.46	ug/l	0.00
Spiked Amount			Recovery	=	90.92%	

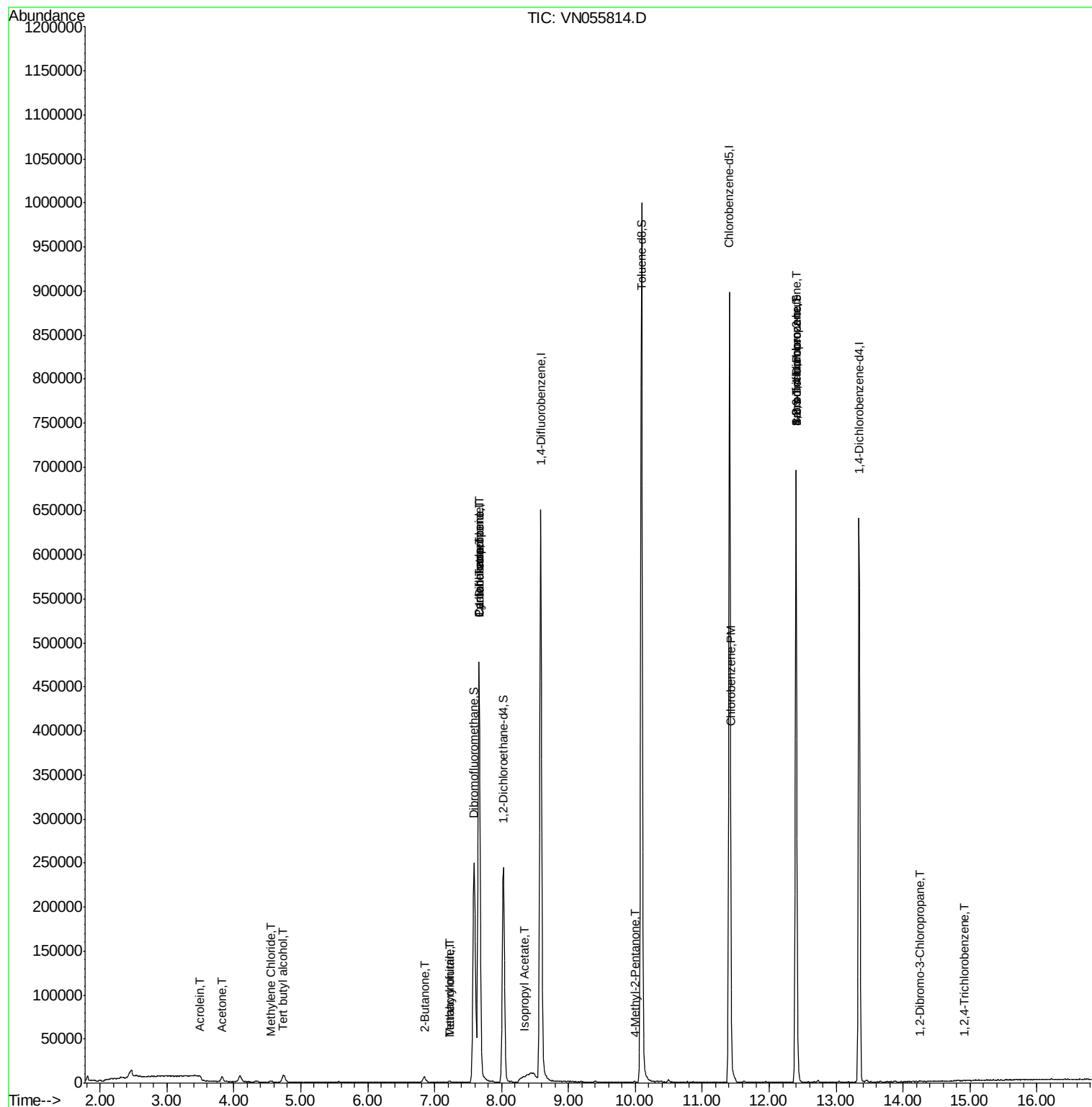
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.73	59	7914	8.758	ug/l #	74
13) Acrolein	3.50	56	157	0.243	ug/l #	9
16) Acetone	3.82	43	9499	4.569	ug/l	96
18) Methyl Acetate	4.33	43	2434	Below Cal	#	59
20) Methylene Chloride	4.54	84	1069	0.237	ug/l #	71
25) 2-Butanone	6.86	43	1863	0.642	ug/l #	47
29) Tetrahydrofuran	7.22	42	942	0.512	ug/l #	48
31) Cyclohexane	7.67	56	6276	0.884	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	26433	4.722	ug/l #	48
38) Carbon Tetrachloride	7.66	117	36350	6.234	ug/l #	15
41) Methacrylonitrile	7.22	41	617	0.226	ug/l #	29
43) Isopropyl Acetate	8.34	43	10962	1.206	ug/l #	53
51) 4-Methyl-2-Pentanone	9.99	43	1850	0.345	ug/l #	50
65) Chlorobenzene	11.43	112	2694	0.234	ug/l	90
71) Bromoform	12.40	173	965	0.246	ug/l #	1
73) Isopropylbenzene	12.25	105	62	Below Cal	#	48
74) N-amyl acetate	12.06	43	270	Below Cal	#	43
76) 1,2,3-Trichloropropane	12.40	75	111914	31.500	ug/l #	100
79) 2-Chlorotoluene	12.68	91	95	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	220	Below Cal	#	47
81) trans-1,4-Dichloro-2-buten	12.40	75	111914	75.679	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	868	Below Cal		88
85) sec-Butylbenzene	13.17	105	320	Below Cal	#	55
92) 1,2-Dibromo-3-Chloropropan	14.25	75	193	0.219	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	180	3.680	ug/l #	45

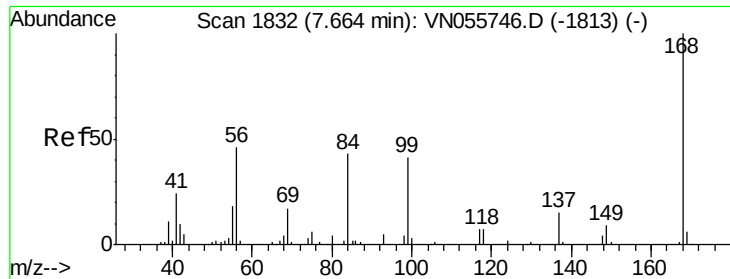
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055814.D

Acq: 24 May 2019 23:39

Instrument :

MSVOA_N

ClientSampleId :

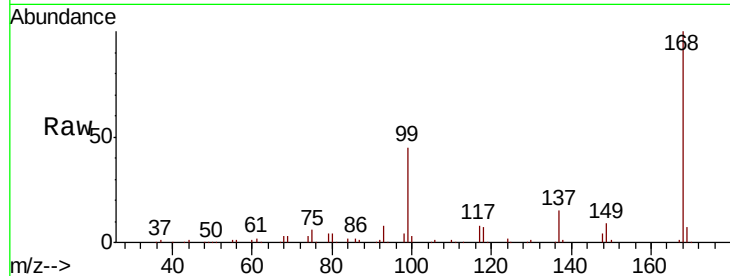
FB-20190523

Tot Ion:168 Resp: 457976

Ion Ratio Lower Upper

168 100

99 45.4 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055814.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN055814.D (-1739) (-)

7.66

200000

150000

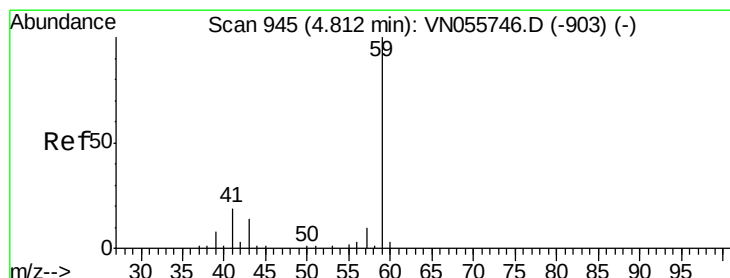
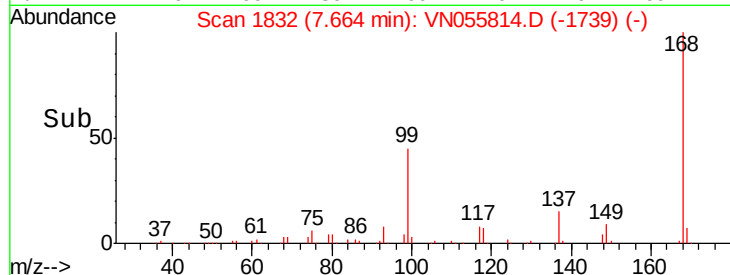
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#11

Tert butyl alcohol

Concen: 8.758 ug/l

RT: 4.73 min Scan# 921

Delta R.T. -0.08 min

Lab File: VN055814.D

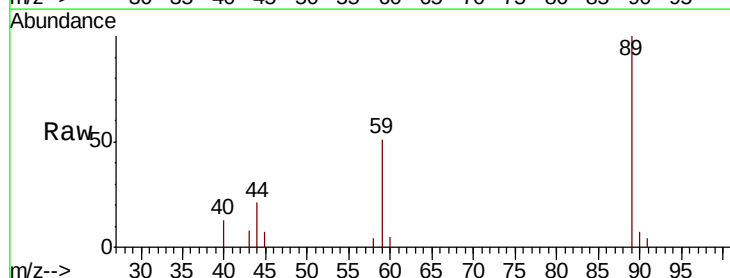
Acq: 24 May 2019 23:39

Tgt Ion: 59 Resp: 7914

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VN055814.D (-852) (-)

Ion 57.00 (56.70 to 57.70): VN055814.D (-852) (-)

4.73

2000

1500

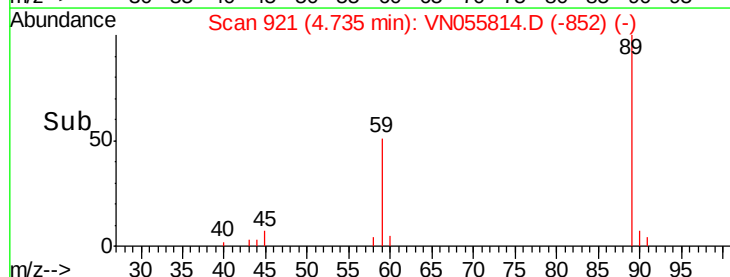
1000

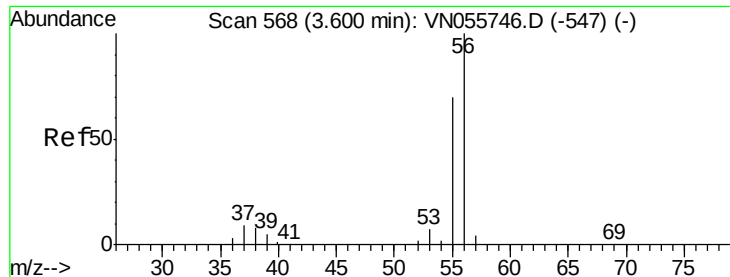
500

0

4.70 4.80

Time-->





#13

Acrolein

Concen: 0.243 ug/l

RT: 3.50 min Scan# 536

Delta R.T. -0.10 min

Lab File: VN055814.D

Acq: 24 May 2019 23:39

Instrument :

MSVOA_N

ClientSampled :

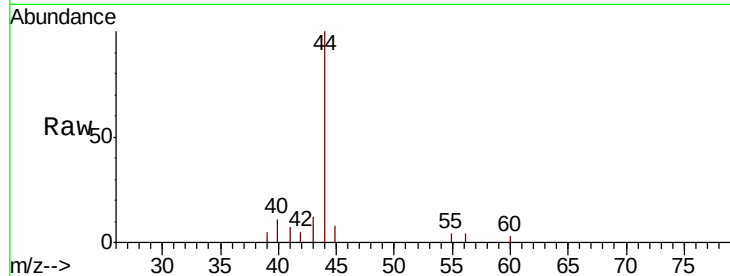
FB-20190523

Tot Ion: 56 Resp: 157

Ion Ratio Lower Upper

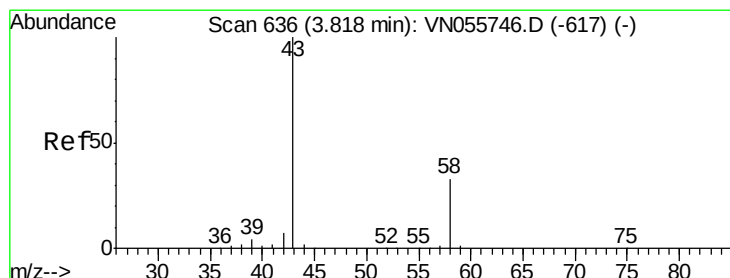
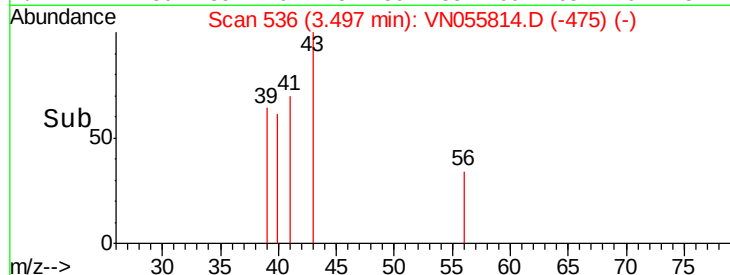
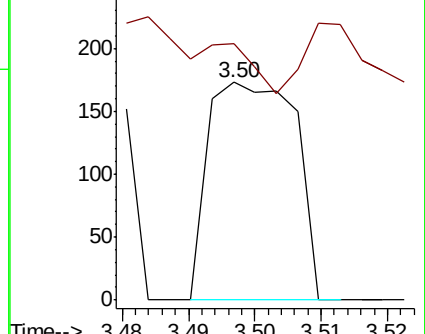
56 100

55 143.3 55.4 83.2#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 4.569 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055814.D

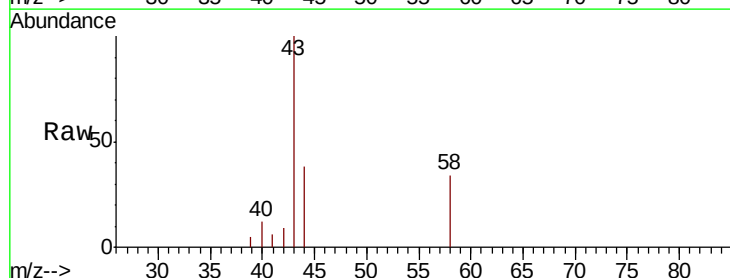
Acq: 24 May 2019 23:39

Tgt Ion: 43 Resp: 9499

Ion Ratio Lower Upper

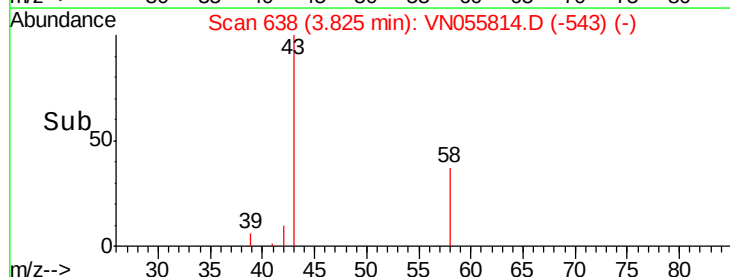
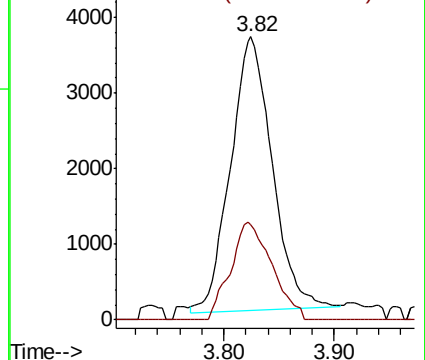
43 100

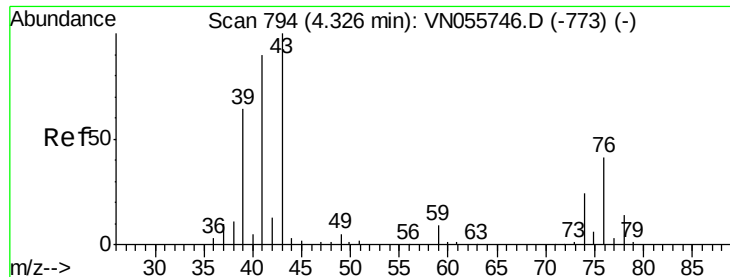
58 35.3 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#18

Methyl Acetate

Concen: Below Cal

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN055814.D

Acq: 24 May 2019 23:39

Instrument :

MSVOA_N

ClientSampleId :

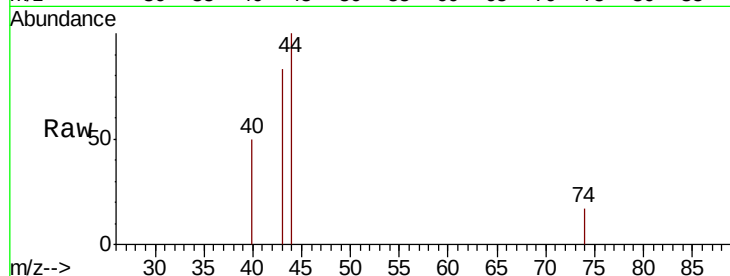
FB-20190523

Tot Ion: 43 Resp: 2434

Ion Ratio Lower Upper

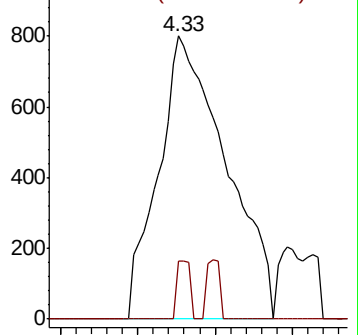
43 100

74 3.9 19.3 28.9#

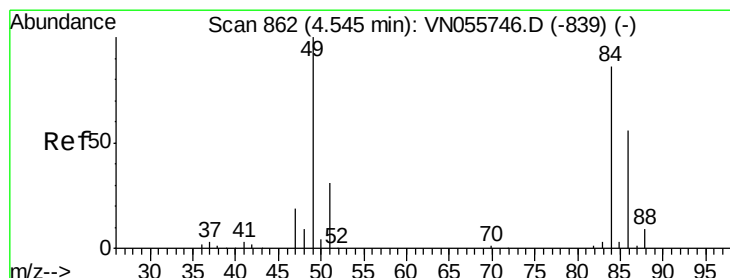
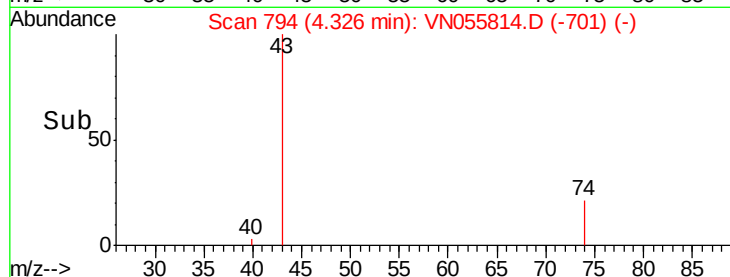


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



Time-->



#20

Methylene Chloride

Concen: 0.237 ug/l

RT: 4.54 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN055814.D

Acq: 24 May 2019 23:39

Tgt Ion: 84 Resp: 1069

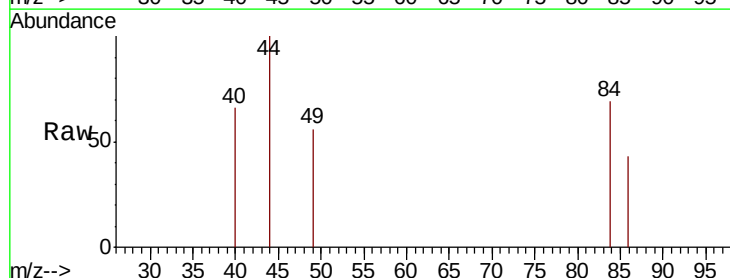
Ion Ratio Lower Upper

84 100

49 81.2 93.5 140.3#

51 0.0 28.6 43.0#

86 62.9 52.6 79.0

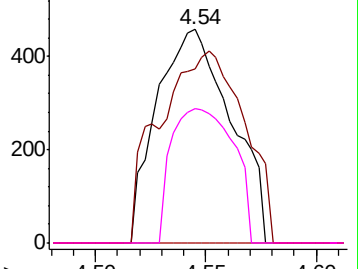


Abundance Ion 83.90 (83.60 to 84.60): VN0

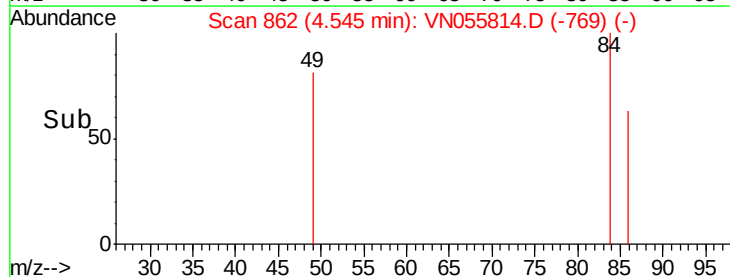
Ion 48.90 (48.60 to 49.60): VN0

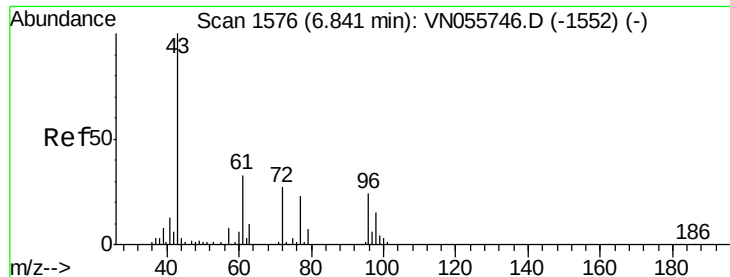
Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



Time-->

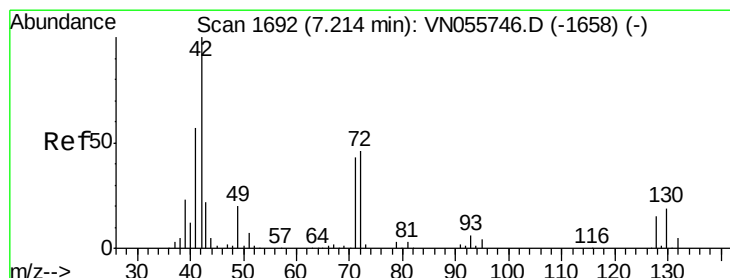
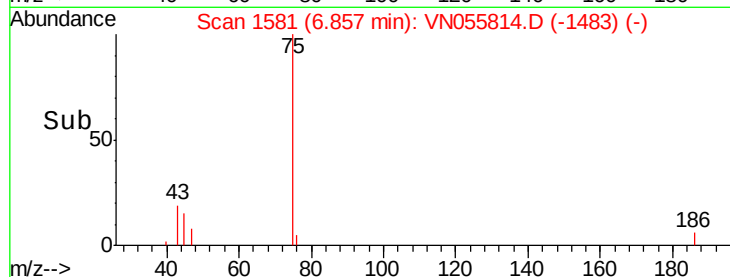
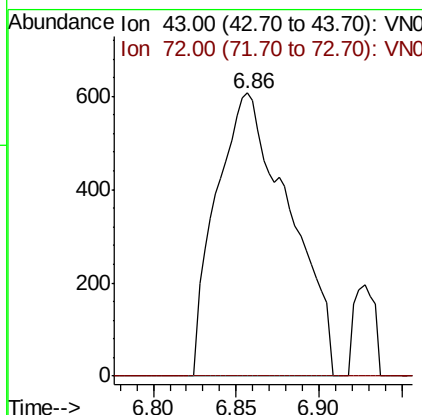
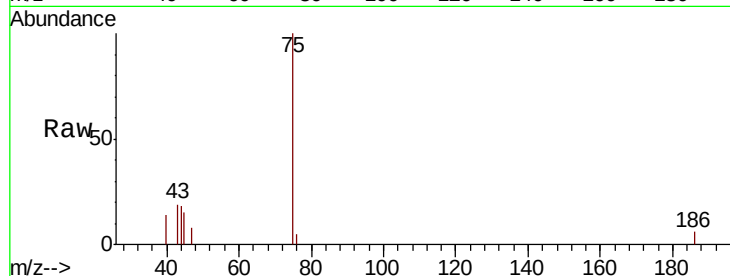




#25
 2-Butanone
 Concen: 0.642 ug/l
 RT: 6.86 min Scan# 1581
 Delta R.T. 0.02 min
 Lab File: VN055814.D
 Acq: 24 May 2019 23:39

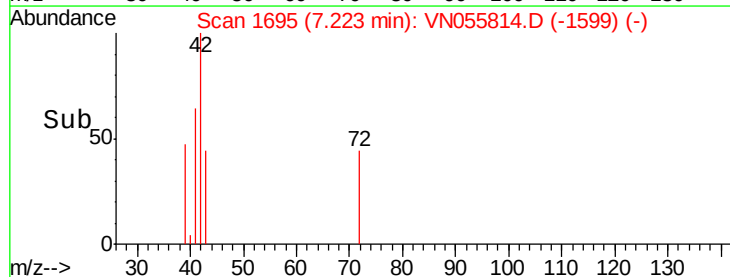
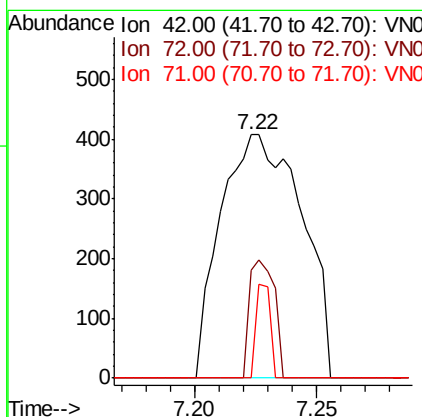
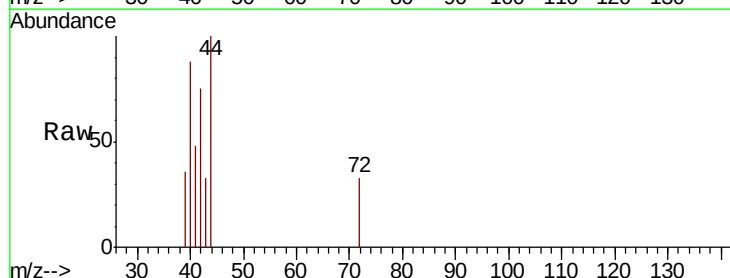
Instrument :
 MSVOA_N
 ClientSampled :
 FB-20190523

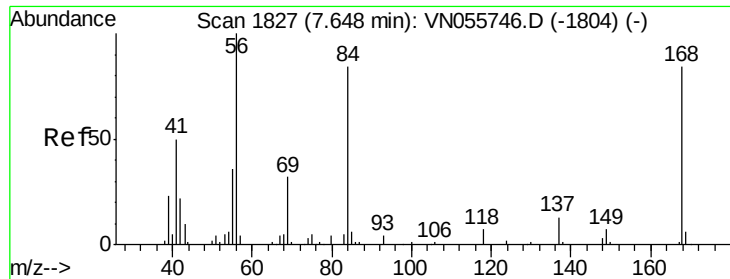
Tot Ion: 43 Resp: 1863
 Ion Ratio Lower Upper
 43 100
 72 0.0 21.9 32.9#



#29
 Tetrahydrofuran
 Concen: 0.512 ug/l
 RT: 7.22 min Scan# 1695
 Delta R.T. 0.01 min
 Lab File: VN055814.D
 Acq: 24 May 2019 23:39

Tgt Ion: 42 Resp: 942
 Ion Ratio Lower Upper
 42 100
 72 14.5 35.9 53.9#
 71 6.4 34.0 51.0#

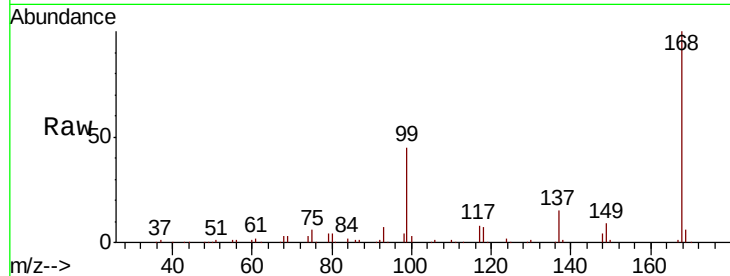




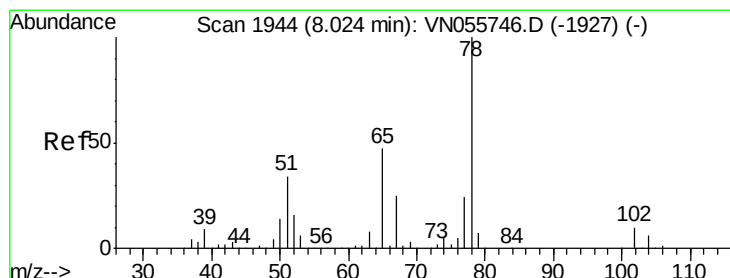
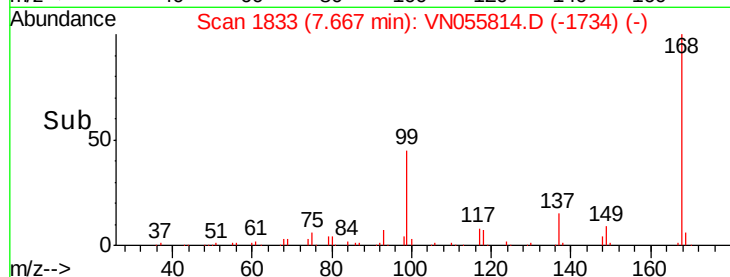
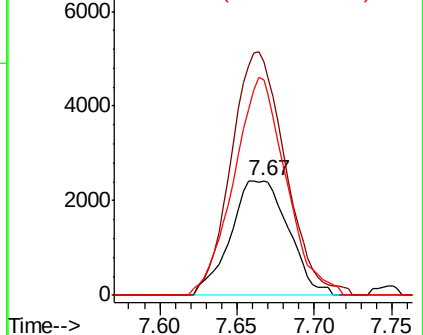
#31
Cyclohexane
Concen: 0.884 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN055814.D
Acq: 24 May 2019 23:39

Instrument :
MSVOA_N
ClientSampleId :
FB-20190523

Tot Ion: 56 Resp: 6276
Ion Ratio Lower Upper
56 100
69 203.3 25.6 38.4#
84 188.8 67.4 101.0#

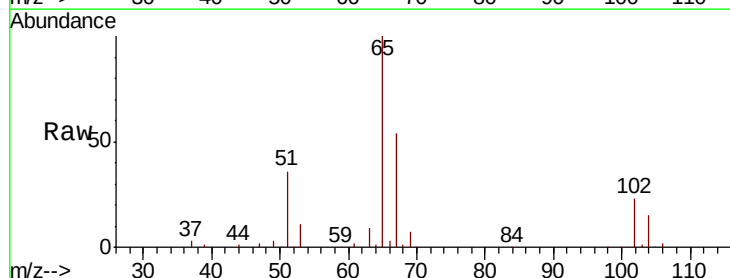


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

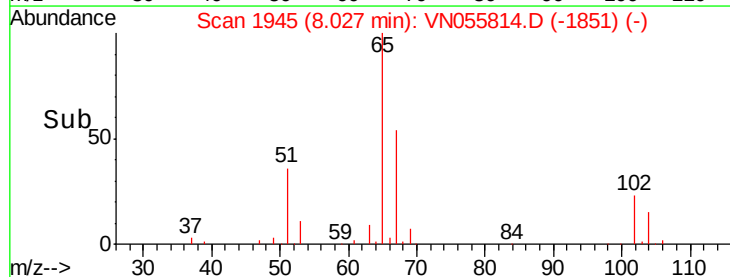
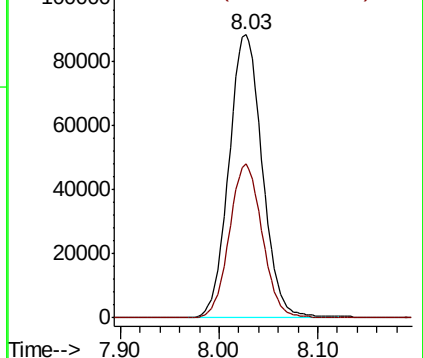


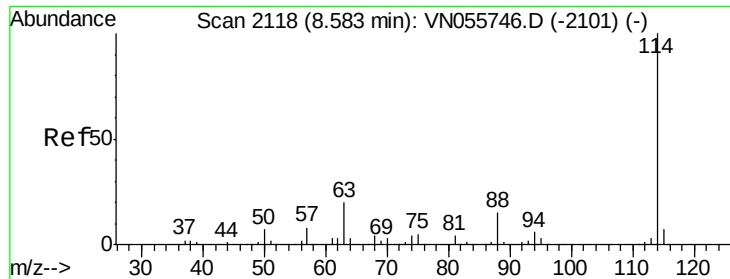
#33
1,2-Dichloroethane-d4
Concen: 44.237 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055814.D
Acq: 24 May 2019 23:39

Tgt Ion: 65 Resp: 209225
Ion Ratio Lower Upper
65 100
67 53.6 0.0 109.2



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

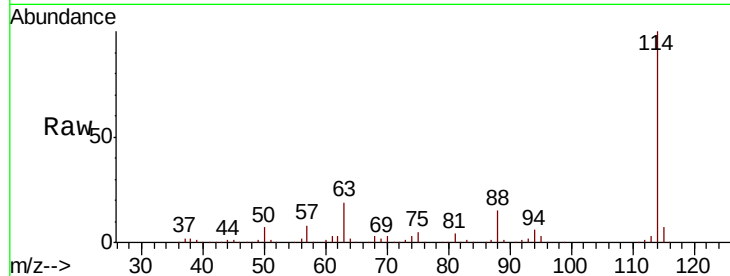




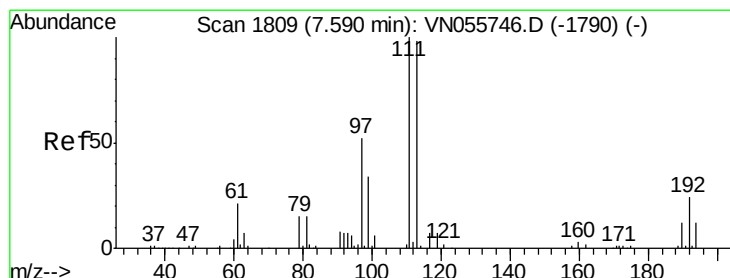
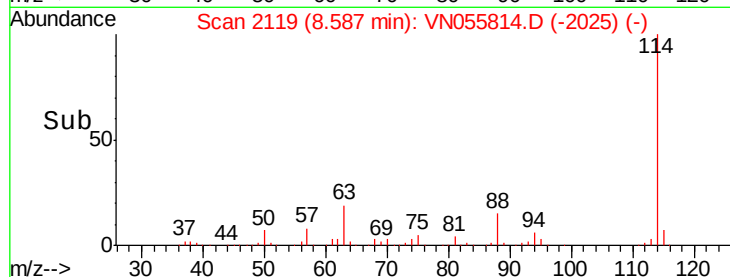
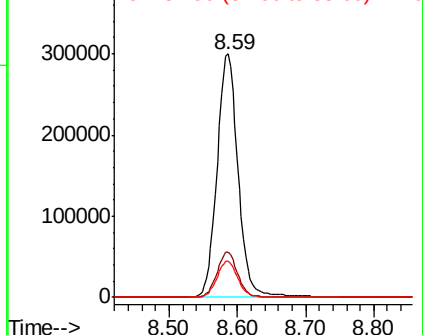
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055814.D
 Acq: 24 May 2019 23:39

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-20190523

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	39.2
88	14.9	0.0	31.0

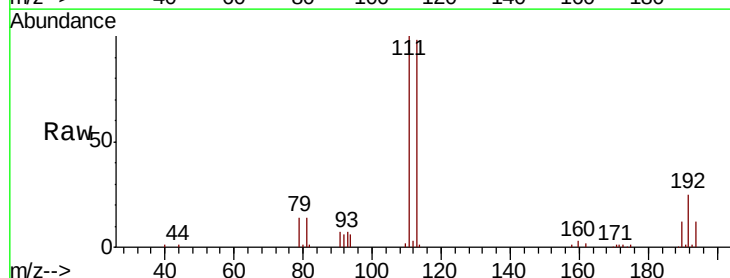


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

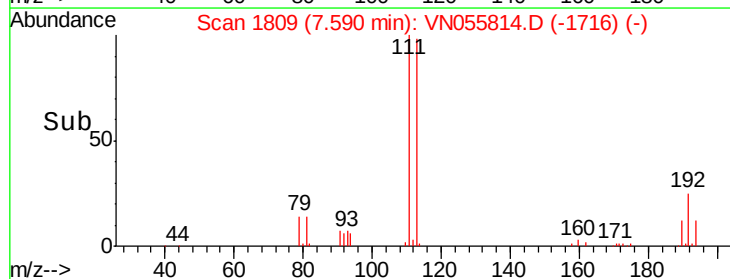
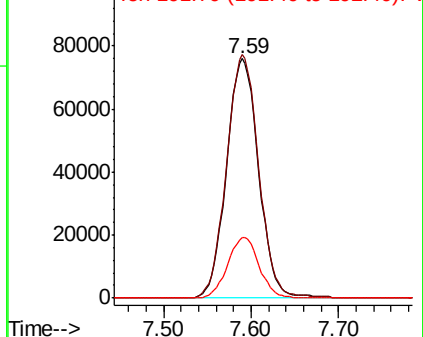


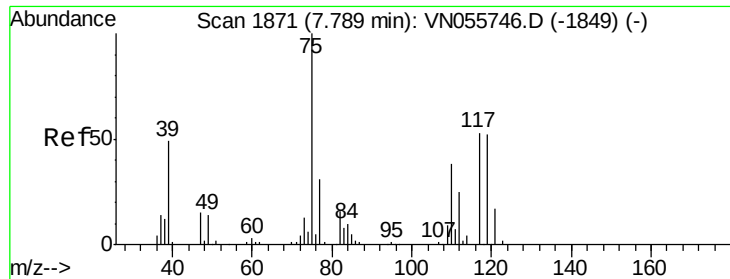
#35
 Dibromofluoromethane
 Concen: 47.561 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055814.D
 Acq: 24 May 2019 23:39

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.9	122.9
192	24.8	19.5	29.3



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

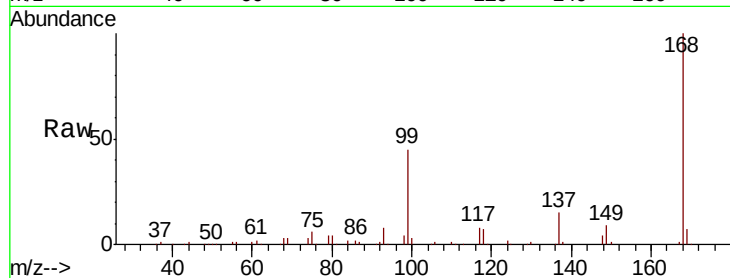




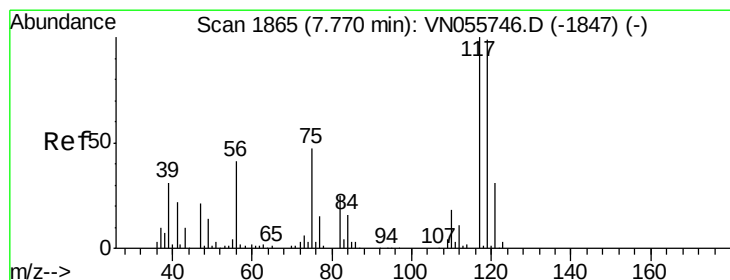
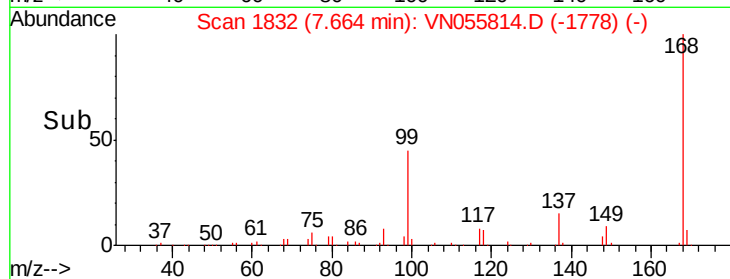
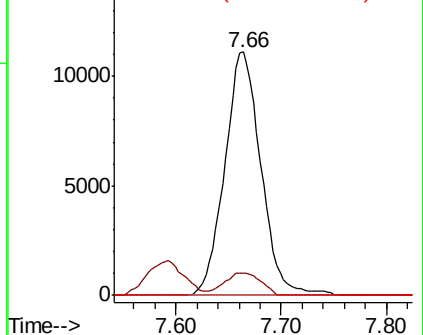
#36
 1,1-Dichloropropene
 Concen: 4.722 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055814.D
 Acq: 24 May 2019 23:39

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-20190523

Tot Ion: 75 Resp: 26433
 Ion Ratio Lower Upper
 75 100
 110 9.4 19.0 57.0#
 77 0.0 25.1 37.7#

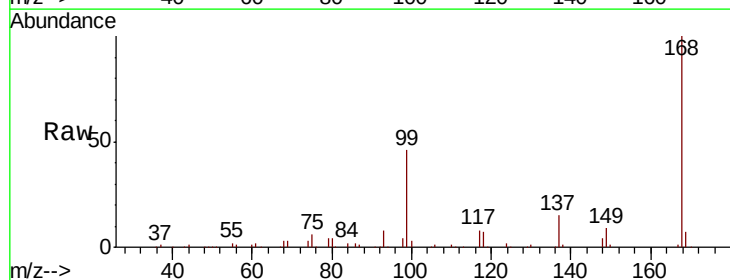


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

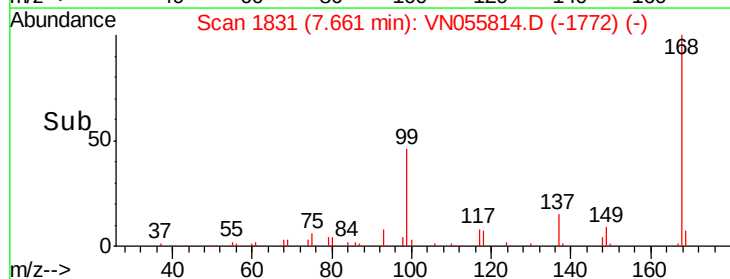
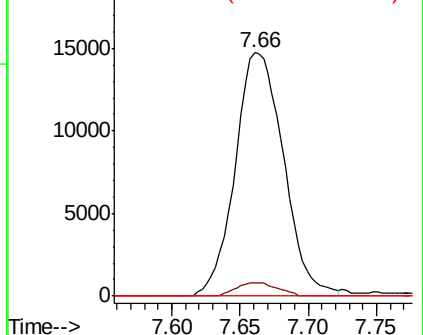


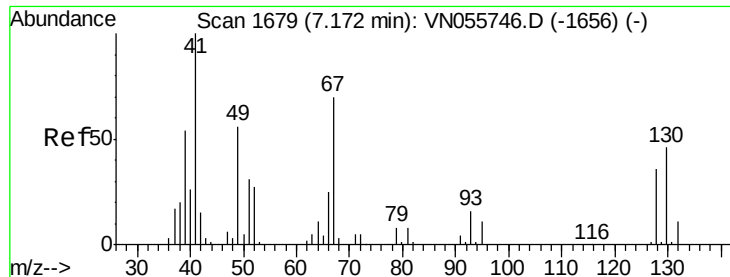
#38
 Carbon Tetrachloride
 Concen: 6.234 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.11 min
 Lab File: VN055814.D
 Acq: 24 May 2019 23:39

Tgt Ion: 117 Resp: 36350
 Ion Ratio Lower Upper
 117 100
 119 5.3 79.0 118.6#
 121 0.0 24.7 37.1#



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

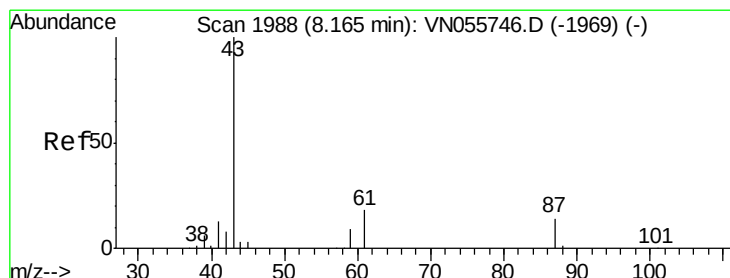
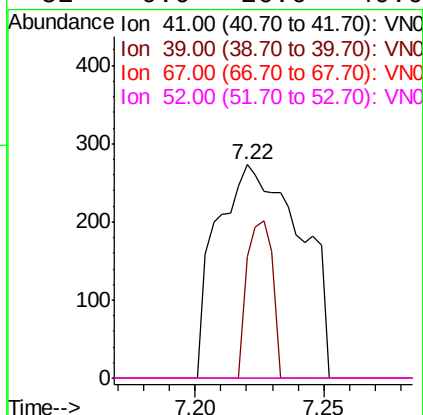
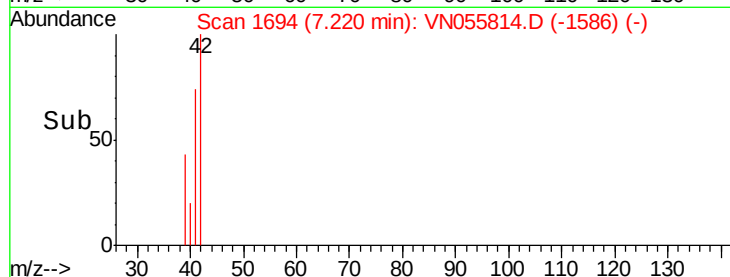
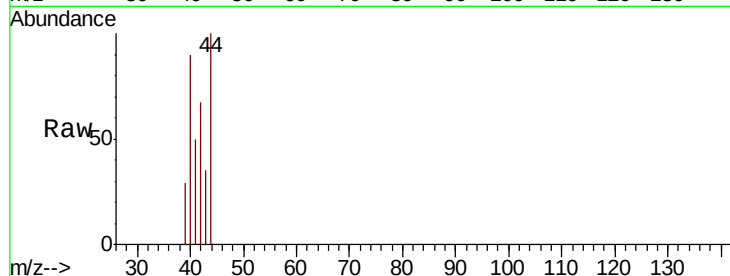




#41
Methacrylonitrile
Concen: 0.226 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.05 min
Lab File: VN055814.D
Acq: 24 May 2019 23:39

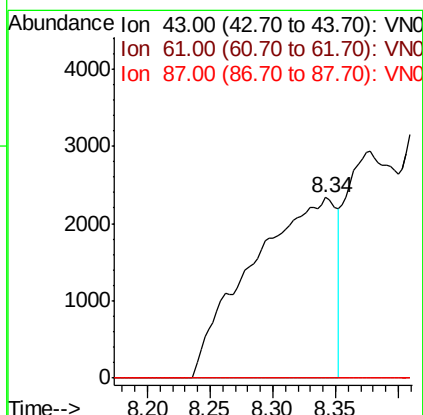
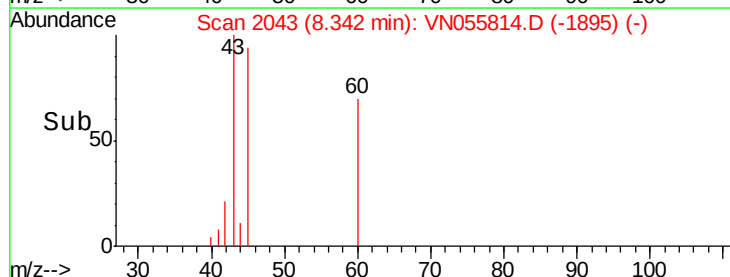
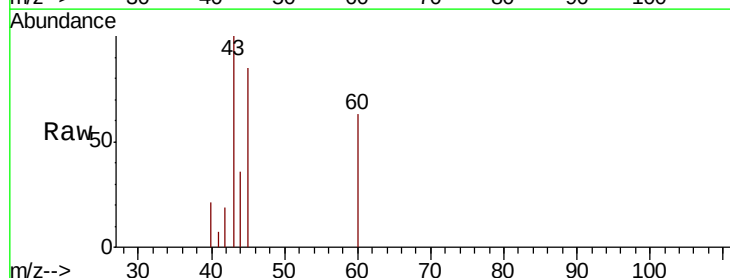
Instrument :
MSVOA_N
ClientSampled :
FB-20190523

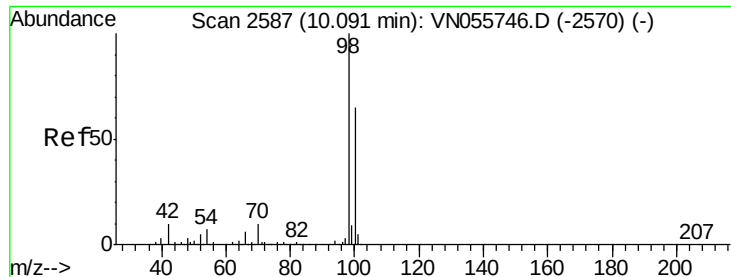
Tot Ion: 41 Resp: 617
Ion Ratio Lower Upper
41 100
39 22.4 45.6 68.4#
67 0.0 67.7 101.5#
52 0.0 26.6 40.0#



#43
Isopropyl Acetate
Concen: 1.206 ug/l
RT: 8.34 min Scan# 2043
Delta R.T. 0.18 min
Lab File: VN055814.D
Acq: 24 May 2019 23:39

Tgt Ion: 43 Resp: 10962
Ion Ratio Lower Upper
43 100
61 0.0 22.2 33.4#
87 0.0 11.4 17.2#





#50

Toluene-d8

Concen: 48.719 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055814.D

Acq: 24 May 2019 23:39

Instrument :

MSVOA_N

ClientSampleId :

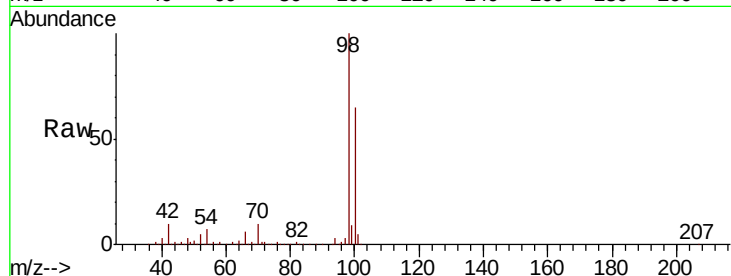
FB-20190523

Tot Ion: 98 Resp: 759007

Ion Ratio Lower Upper

98 100

100 63.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055746.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055746.D (-2570) (-)

10.09

400000

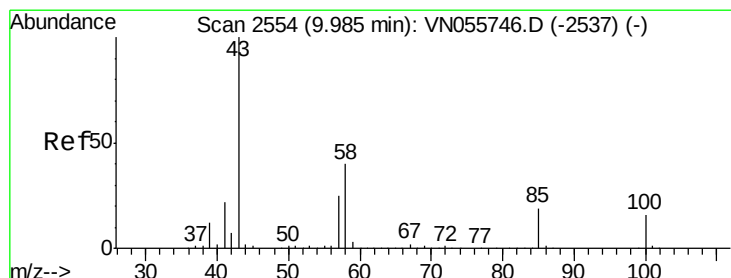
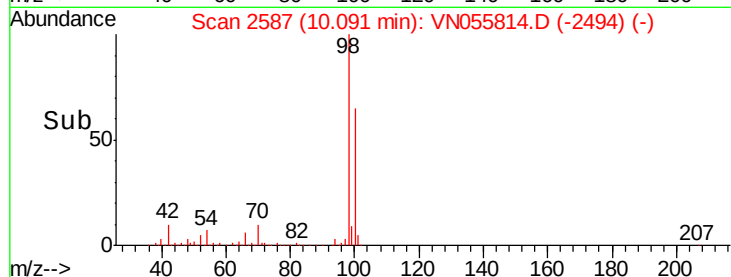
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.345 ug/l

RT: 9.99 min Scan# 2556

Delta R.T. 0.01 min

Lab File: VN055814.D

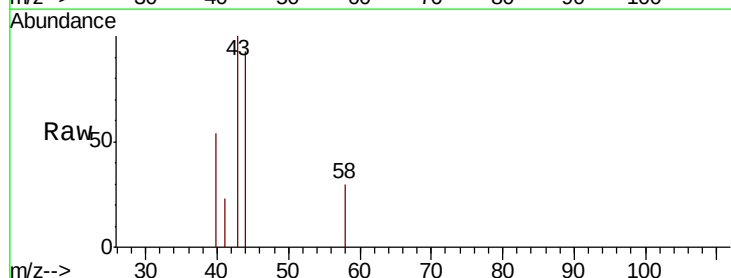
Acq: 24 May 2019 23:39

Tgt Ion: 43 Resp: 1850

Ion Ratio Lower Upper

43 100

58 9.2 32.1 48.1#



Abundance Ion 43.00 (42.70 to 43.70): VN055746.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN055746.D (-2537) (-)

9.99

2500

2000

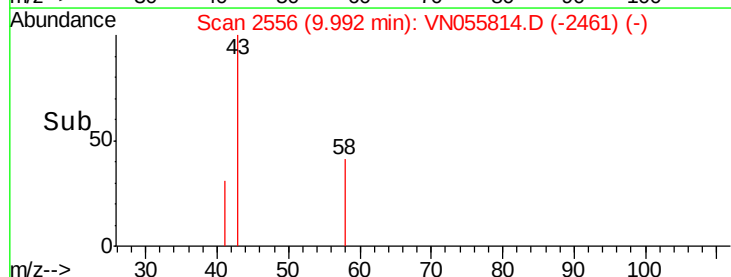
1500

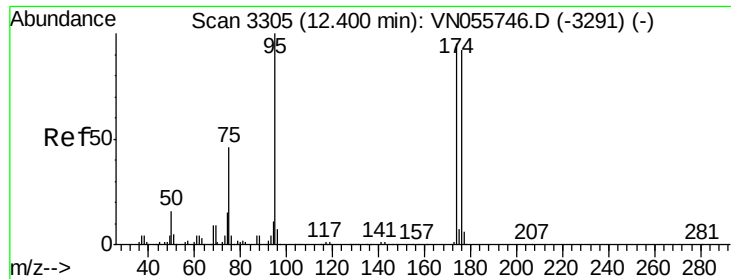
1000

500

0

Time-->

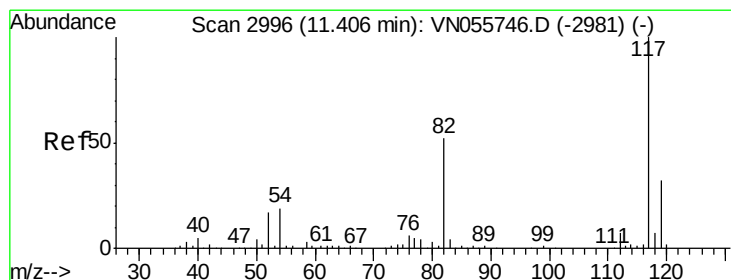
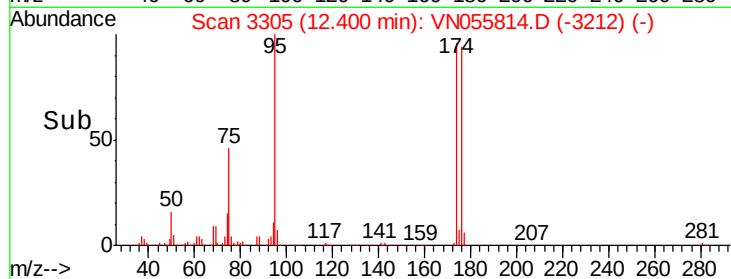
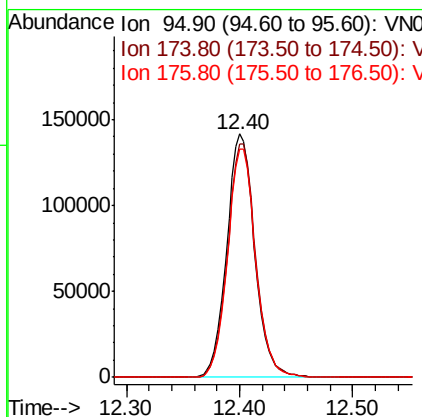
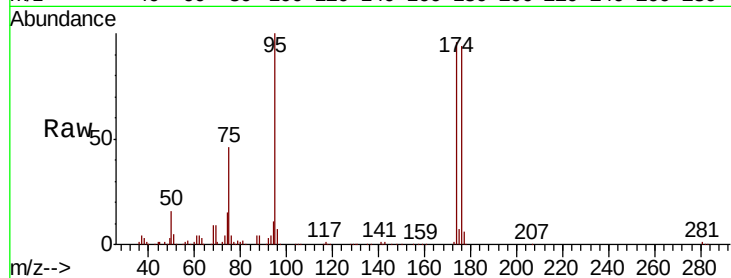




#62
4-Bromofluorobenzene
Concen: 45.459 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055814.D
Acq: 24 May 2019 23:39

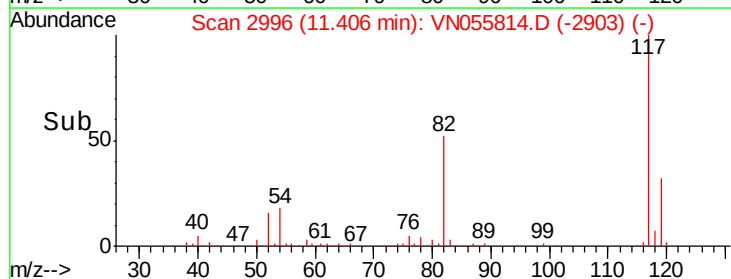
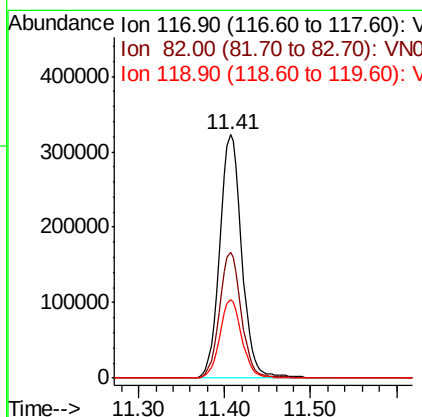
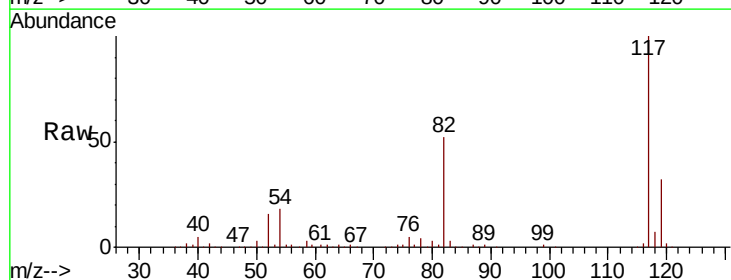
Instrument :
MSVOA_N
ClientSampleId :
FB-20190523

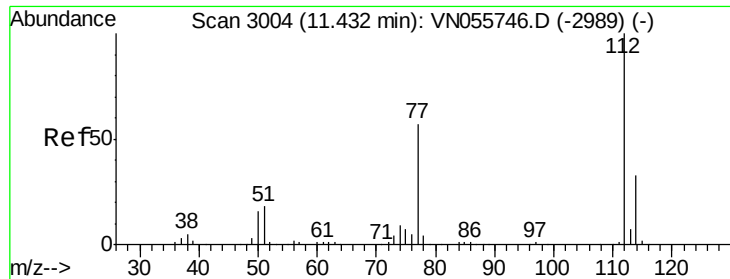
Tot Ion	95	Resp	242839
Ion Ratio	Lower	Upper	
95	100		
174	96.8	0.0	191.0
176	94.3	0.0	185.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055814.D
Acq: 24 May 2019 23:39

Tgt Ion	117	Resp	575047
Ion Ratio	Lower	Upper	
117	100		
82	51.9	41.8	62.8
119	32.3	25.4	38.0





#65

Chlorobenzene

Concen: 0.234 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN055814.D

Acq: 24 May 2019 23:39

Instrument :

MSVOA_N

ClientSampleId :

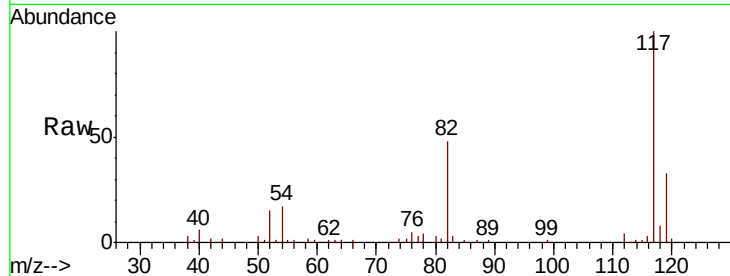
FB-20190523

Tot Ion:112 Resp: 2694

Ion Ratio Lower Upper

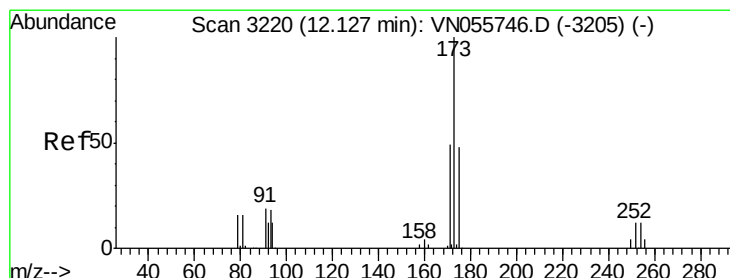
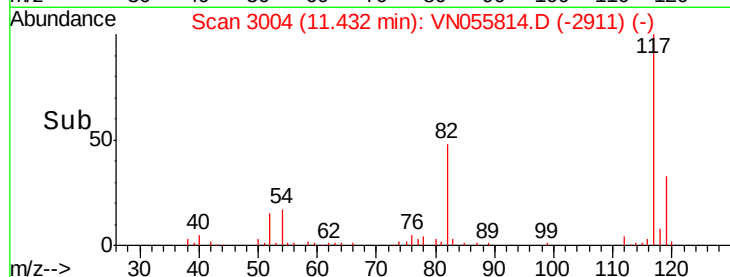
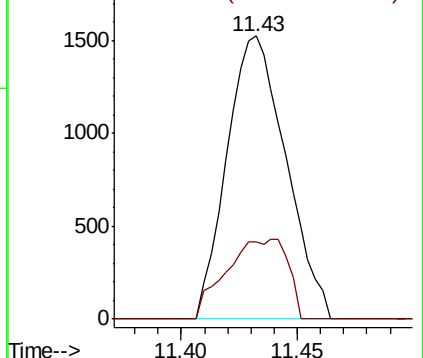
112 100

114 27.3 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#71

Bromoform

Concen: 0.246 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN055814.D

Acq: 24 May 2019 23:39

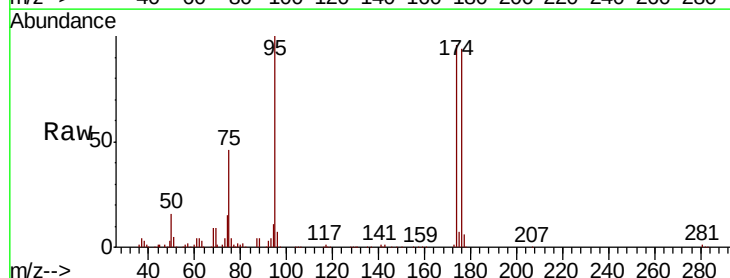
Tgt Ion:173 Resp: 965

Ion Ratio Lower Upper

173 100

175 1524.1 24.3 72.8#

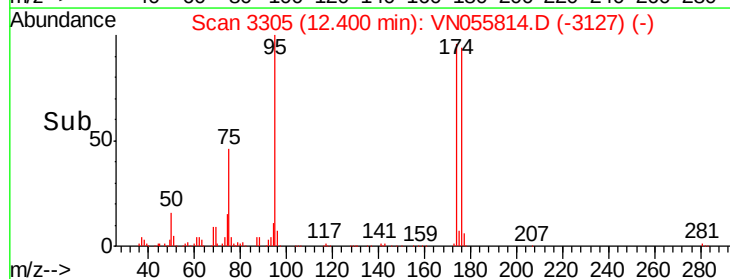
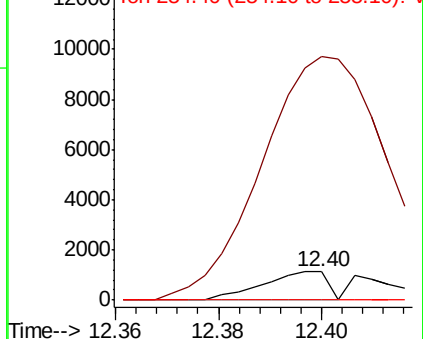
254 0.0 0.0 0.0

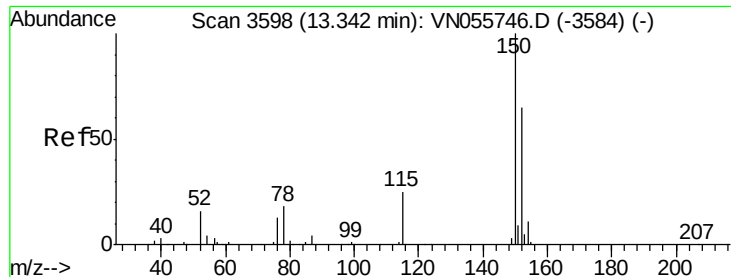


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN055814.D

Acq: 24 May 2019 23:39

Instrument :

MSVOA_N

ClientSampled :

FB-20190523

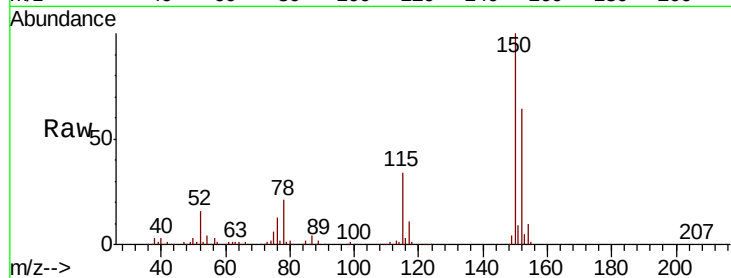
Tot Ion:152 Resp: 198970

Ion Ratio Lower Upper

152 100

115 53.0 27.0 81.0

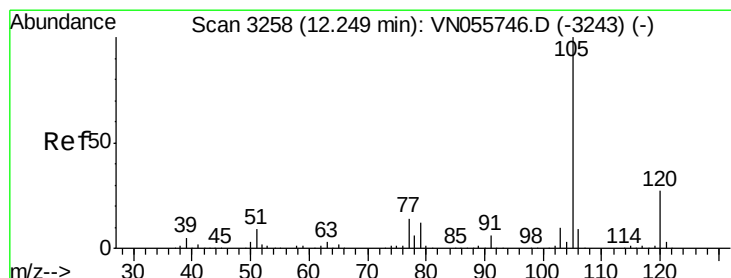
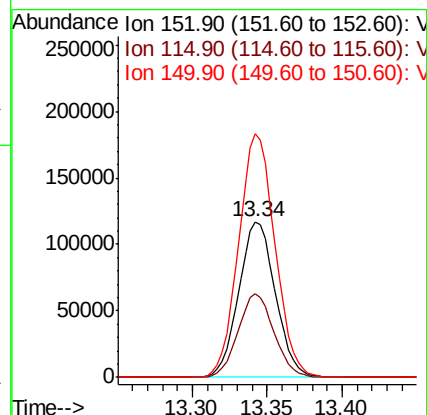
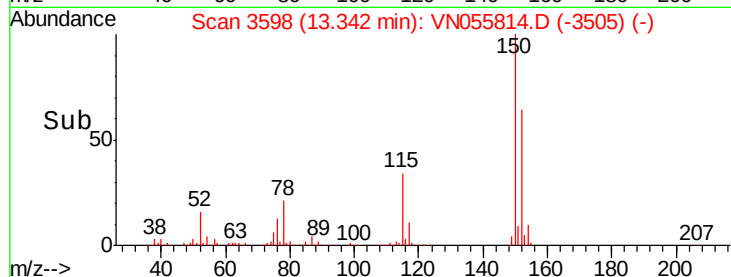
150 155.8 0.0 343.2



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



#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN055814.D

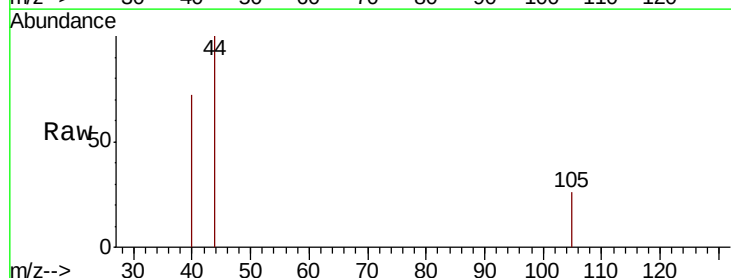
Acq: 24 May 2019 23:39

Tgt Ion:105 Resp: 62

Ion Ratio Lower Upper

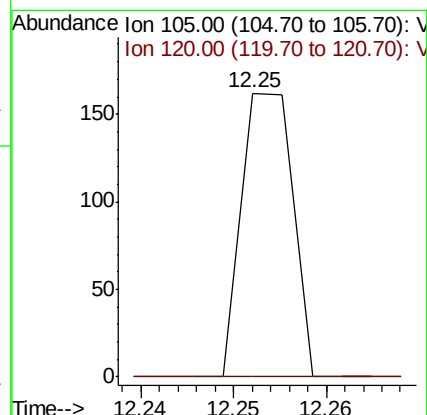
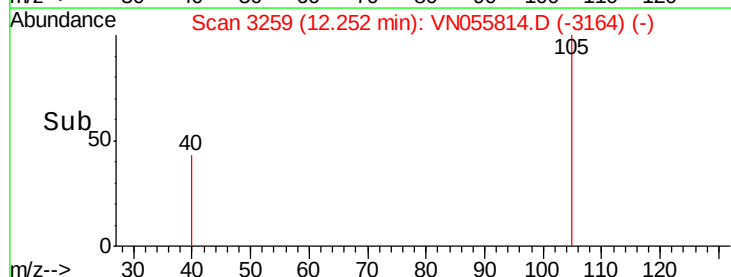
105 100

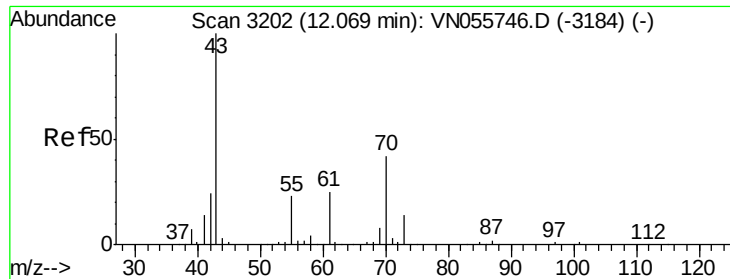
120 0.0 13.6 40.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: Below Cal

RT: 12.06 min Scan# 3198

Delta R.T. -0.01 min

Lab File: VN055814.D

Acq: 24 May 2019 23:39

Instrument :

MSVOA_N

ClientSampled :

FB-20190523

Tot Ion: 43 Resp: 270

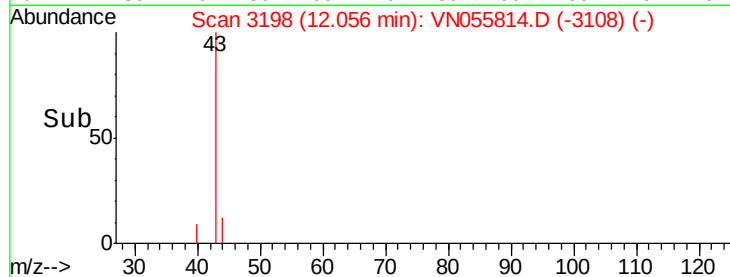
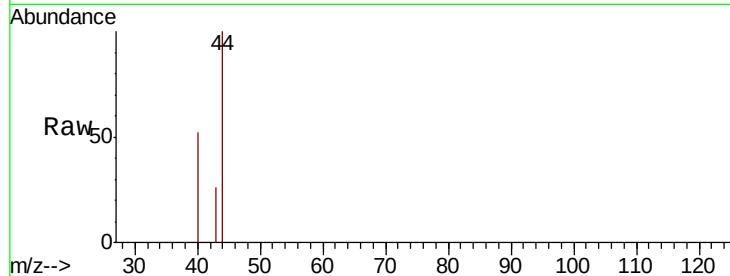
Ion Ratio Lower Upper

43 100

70 0.0 34.0 51.0#

55 0.0 18.6 28.0#

61 0.0 20.0 30.0#

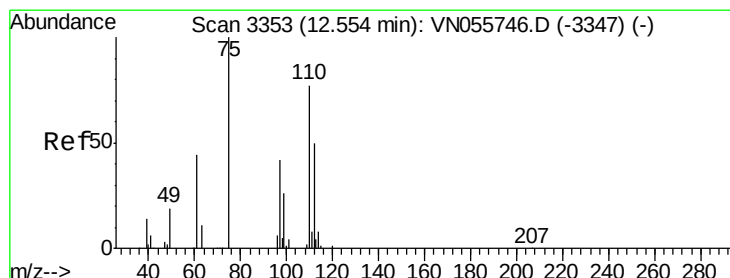
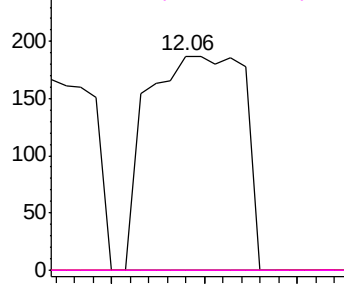


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 31.500 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055814.D

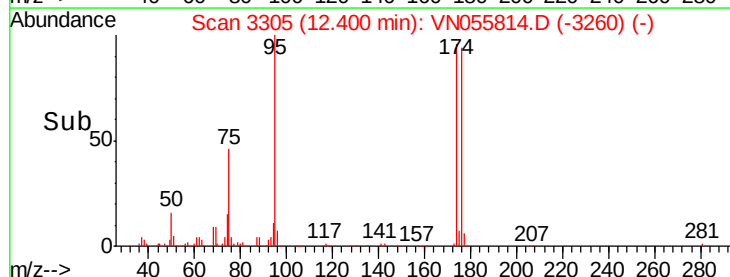
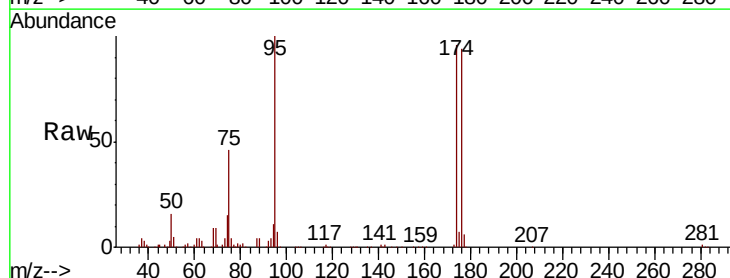
Acq: 24 May 2019 23:39

Tgt Ion: 75 Resp: 111914

Ion Ratio Lower Upper

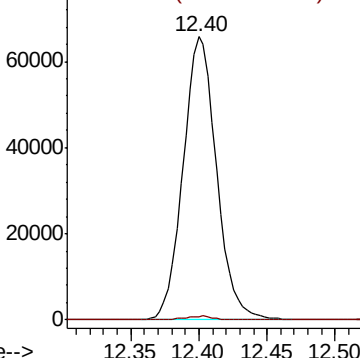
75 100

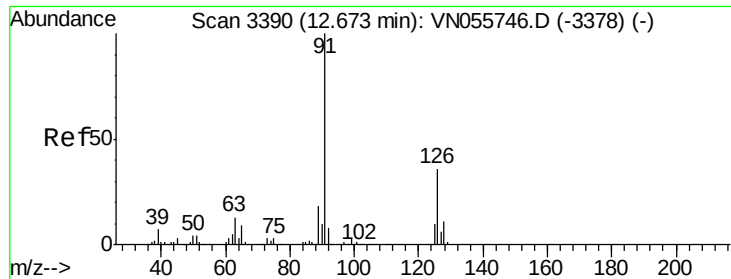
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3392

Delta R.T. 0.01 min

Lab File: VN055814.D

Acq: 24 May 2019 23:39

Instrument :

MSVOA_N

ClientSampleId :

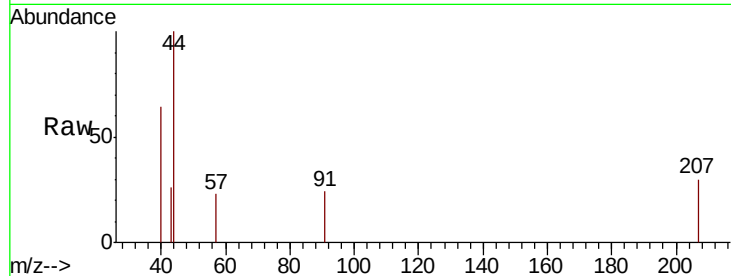
FB-20190523

Tot Ion: 91 Resp: 95

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.4#



Abundance Ion 91.00 (90.70 to 91.70): VN055814.D (-3392) (-)

Ion 125.90 (125.60 to 126.60): VN055814.D (-3392) (-)

12.68

150

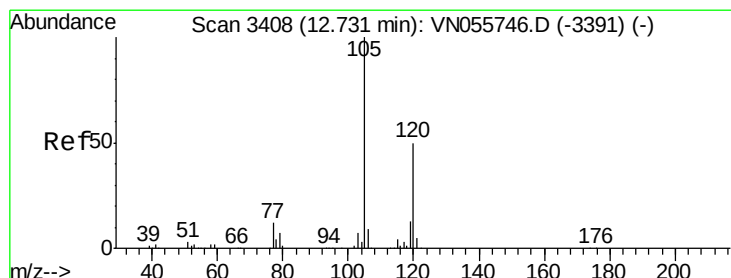
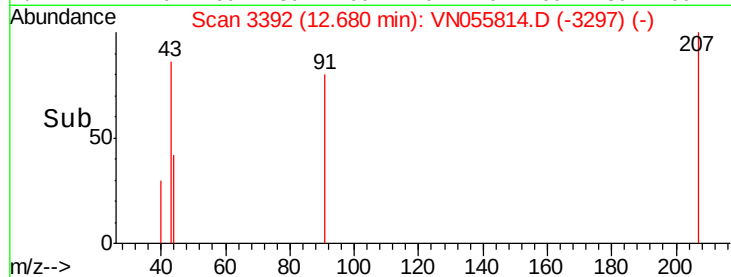
100

50

0

12.67 12.68 12.69

Time-->



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055814.D

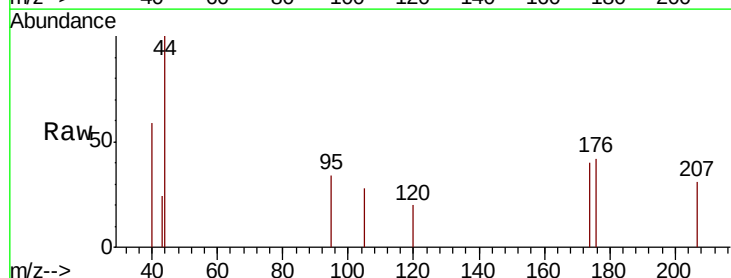
Acq: 24 May 2019 23:39

Tgt Ion: 105 Resp: 220

Ion Ratio Lower Upper

105 100

120 13.2 24.7 74.1#



Abundance Ion 105.00 (104.70 to 105.70): VN055814.D (-3408) (-)

Ion 120.00 (119.70 to 120.70): VN055814.D (-3408) (-)

12.73

250

200

150

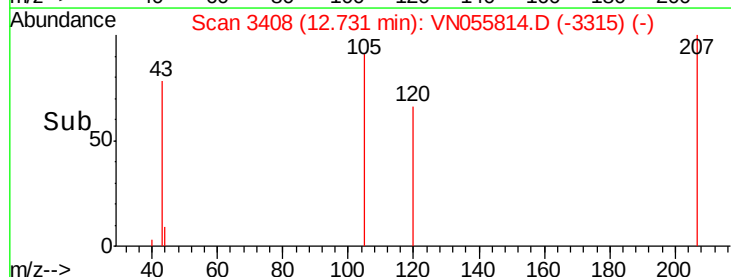
100

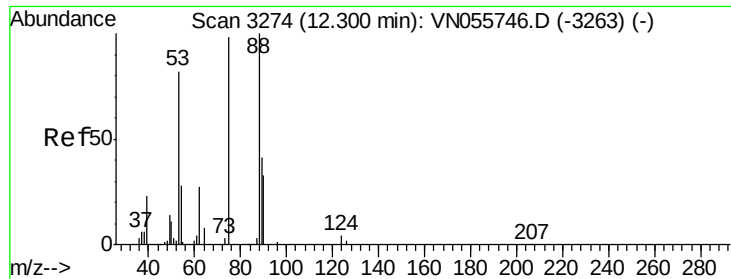
50

0

12.72 12.74

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 75.679 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055814.D

Acq: 24 May 2019 23:39

Instrument :

MSVOA_N

ClientSampled :

FB-20190523

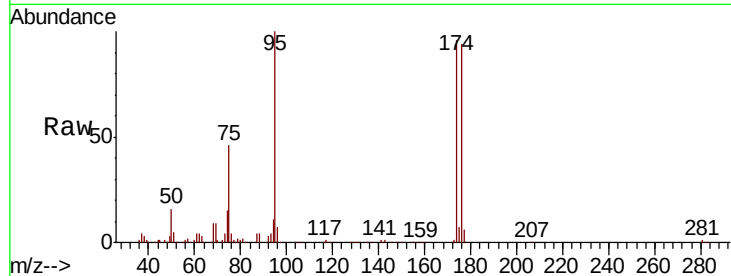
Tot Ion: 75 Resp: 111914

Ion Ratio Lower Upper

75 100

53 0.0 68.1 102.1#

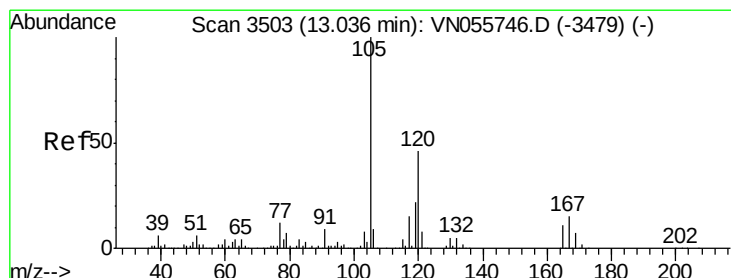
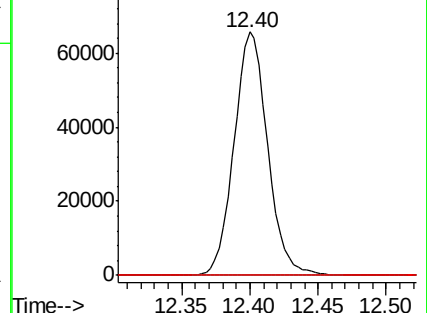
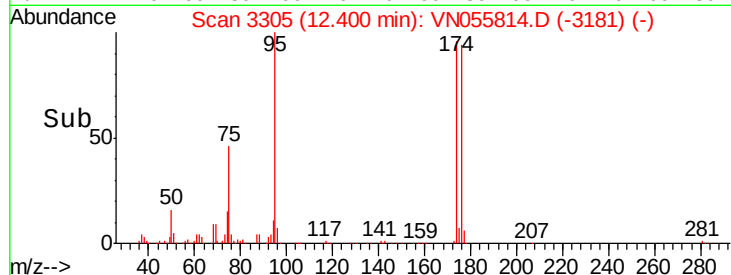
89 0.0 36.9 55.3#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#84

1,2,4-Trimethylbenzene

Concen: Below Cal

RT: 13.04 min Scan# 3505

Delta R.T. 0.01 min

Lab File: VN055814.D

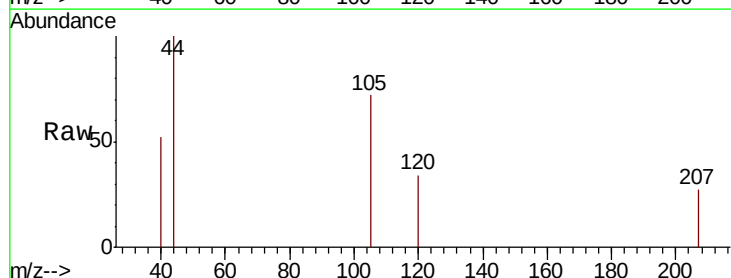
Acq: 24 May 2019 23:39

Tgt Ion: 105 Resp: 868

Ion Ratio Lower Upper

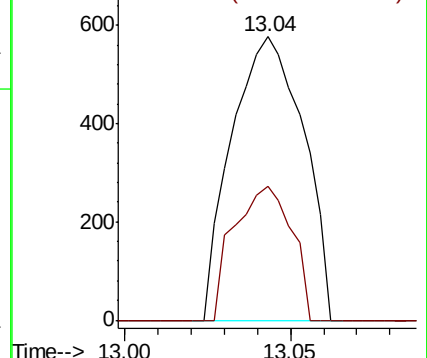
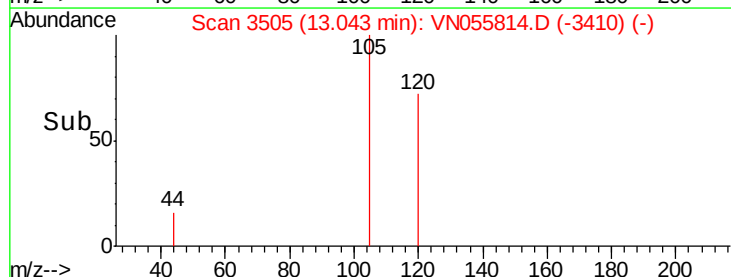
105 100

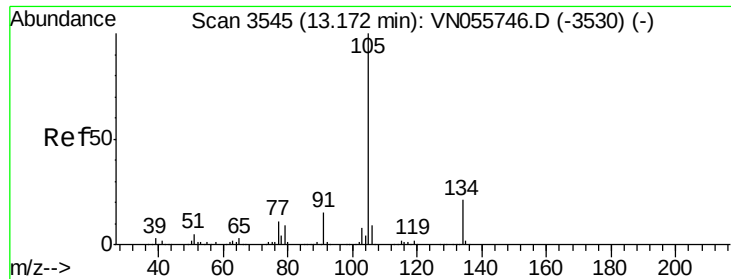
120 37.9 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN055814.D

Acq: 24 May 2019 23:39

Instrument :

MSVOA_N

ClientSampled :

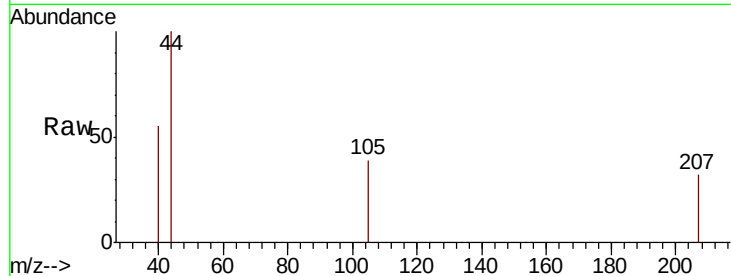
FB-20190523

Tot Ion:105 Resp: 320

Ion Ratio Lower Upper

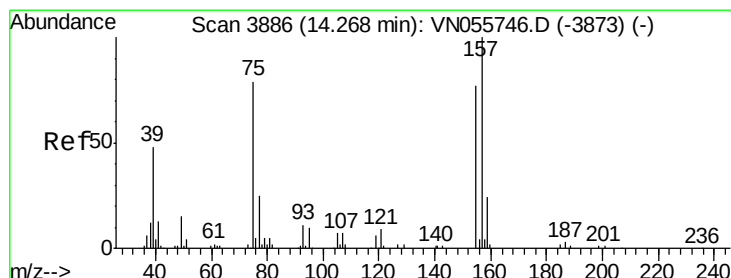
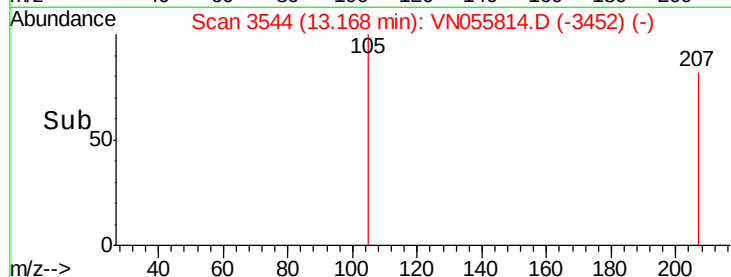
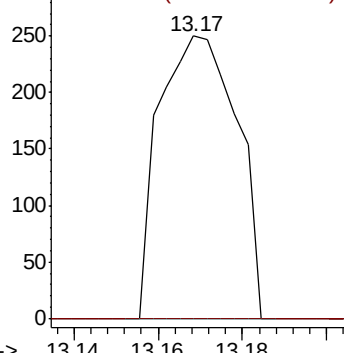
105 100

134 0.0 10.4 31.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.219 ug/l

RT: 14.25 min Scan# 3881

Delta R.T. -0.02 min

Lab File: VN055814.D

Acq: 24 May 2019 23:39

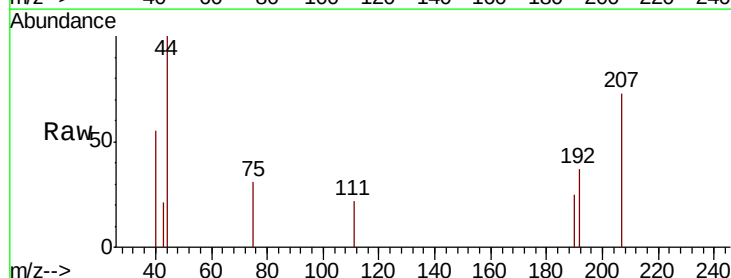
Tgt Ion: 75 Resp: 193

Ion Ratio Lower Upper

75 100

155 0.0 50.0 150.1#

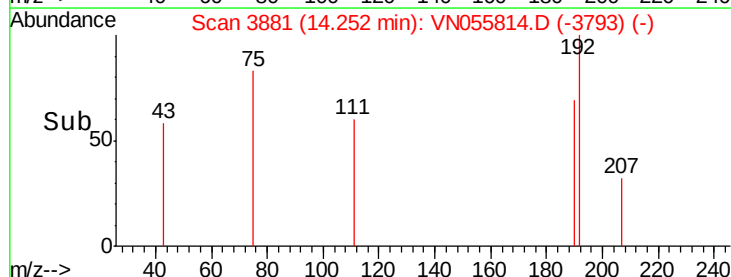
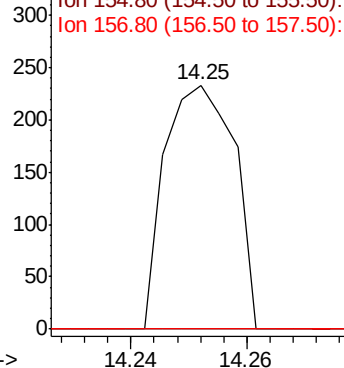
157 0.0 64.8 194.3#

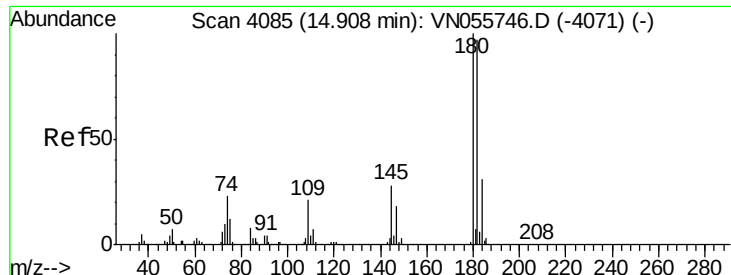


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 3.680 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.01 min

Lab File: VN055814.D

Acq: 24 May 2019 23:39

Instrument :

MSVOA_N

ClientSampleId :

FB-20190523

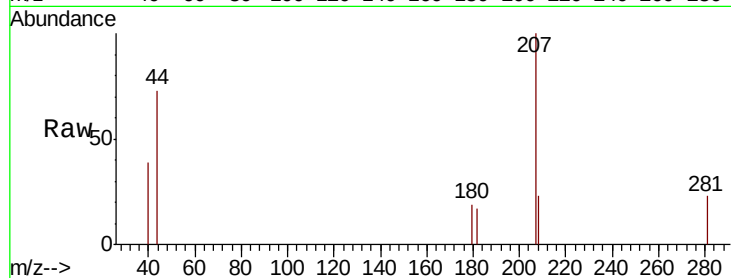
Tot Ion:180 Resp: 180

Ion Ratio Lower Upper

180 100

182 42.2 48.3 144.9#

145 0.0 14.0 41.9#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

