

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062119\
 Data File : VN056421.D
 Acq On : 21 Jun 2019 13:19
 Operator : JC/SP
 Sample : K3329-01
 Misc : 5.05µ/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WASTE

Quant Time: Jun 22 01:44:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

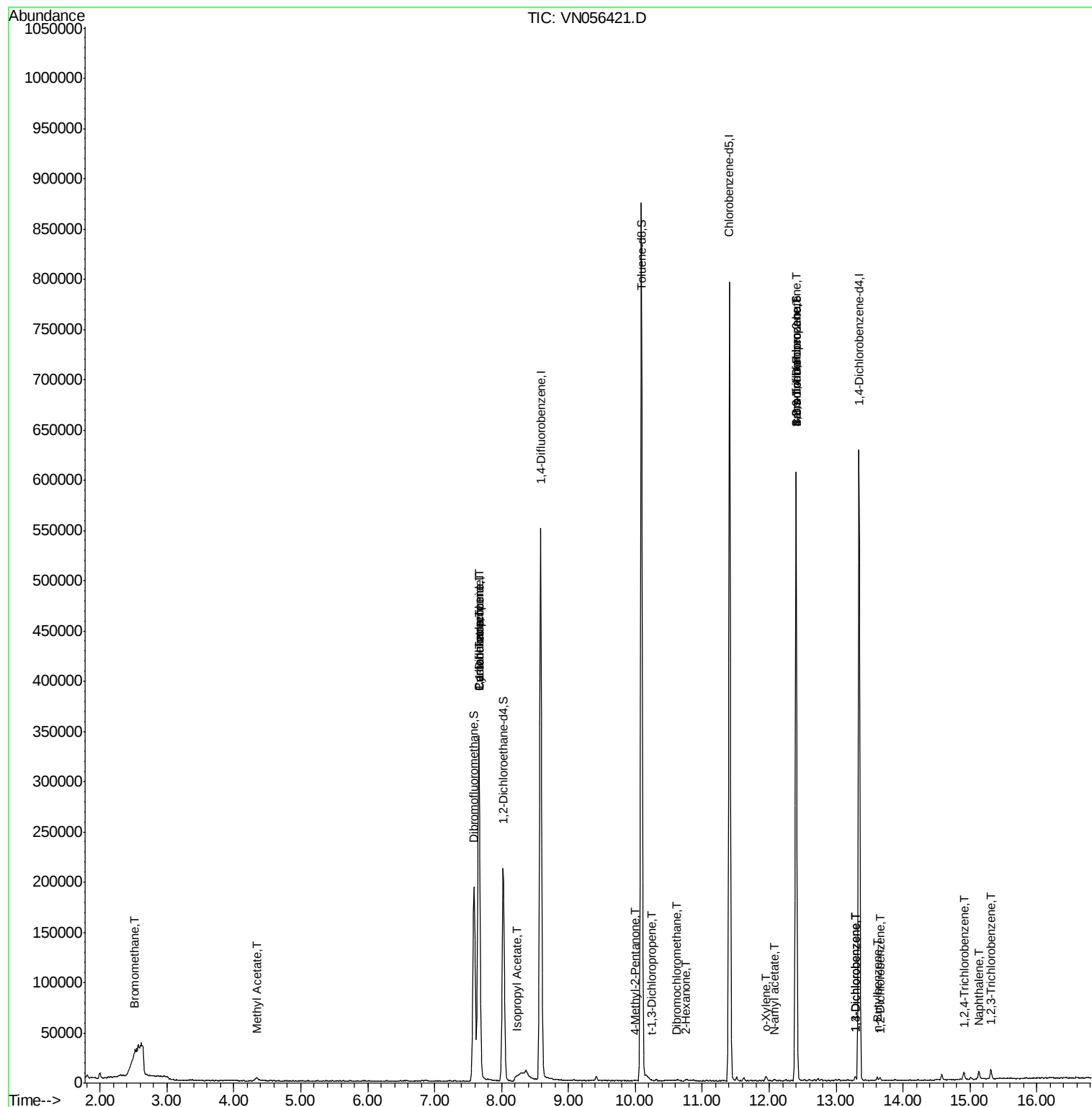
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	314764	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	528685	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	486172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	179748	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	177093	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
35) Dibromofluoromethane	7.59	113	149185	45.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.46%	
50) Toluene-d8	10.09	98	627575	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
62) 4-Bromofluorobenzene	12.40	95	210547	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.51	94	675	0.328	ug/l	85
18) Methyl Acetate	4.34	43	6883	1.163	ug/l #	76
20) Methylene Chloride	4.53	84	377	Below Cal	#	37
31) Cyclohexane	7.66	56	5197	0.965	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	21050	4.524	ug/l #	48
38) Carbon Tetrachloride	7.66	117	27170	6.677	ug/l #	15
43) Isopropyl Acetate	8.23	43	3526	0.500	ug/l #	54
51) 4-Methyl-2-Pentanone	9.99	43	1660	0.365	ug/l #	35
53) t-1,3-Dichloropropene	10.25	75	388	2.965	ug/l #	43
59) 2-Hexanone	10.76	43	2269	0.678	ug/l	63
60) Dibromochloromethane	10.63	129	239	2.445	ug/l #	10
69) o-Xylene	11.95	106	1489	0.239	ug/l	85
71) Bromoform	12.40	173	1715	3.746	ug/l #	1
73) Isopropylbenzene	12.25	105	1306	Below Cal		92
74) N-amyl acetate	12.07	43	1237	0.216	ug/l #	68
76) 1,2,3-Trichloropropane	12.40	75	98143	26.332	ug/l #	100
79) 2-Chlorotoluene	12.68	91	935	Below Cal		80
80) 1,3,5-Trimethylbenzene	12.73	105	942	Below Cal		91
81) trans-1,4-Dichloro-2-buten	12.40	75	98143	93.589	ug/l #	8
83) tert-Butylbenzene	12.99	119	918	Below Cal	#	83
87) 1,3-Dichlorobenzene	13.28	146	1522	0.250	ug/l	85
88) 1,4-Dichlorobenzene	13.28	146	1522	0.258	ug/l	86
89) n-Butylbenzene	13.62	91	2804	0.298	ug/l #	81
91) 1,2-Dichlorobenzene	13.65	146	1778	0.294	ug/l	80
93) 1,2,4-Trichlorobenzene	14.91	180	3068	6.480	ug/l	88
94) Hexachlorobutadiene	15.01	225	717	Below Cal		93
95) Naphthalene	15.13	128	8341	6.152	ug/l	96
96) 1,2,3-Trichlorobenzene	15.31	180	3792	5.540	ug/l	97

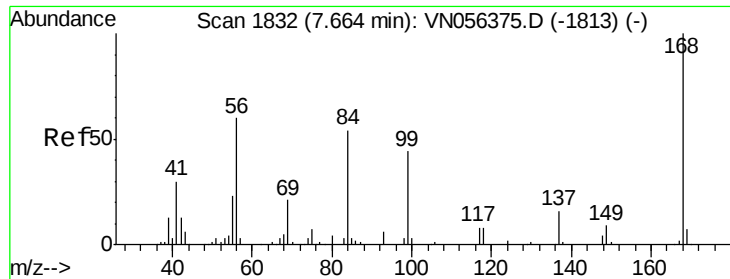
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062119\
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Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN056421.D

Acq: 21 Jun 2019 13:19

Instrument :

MSVOA_N

ClientSampleId :

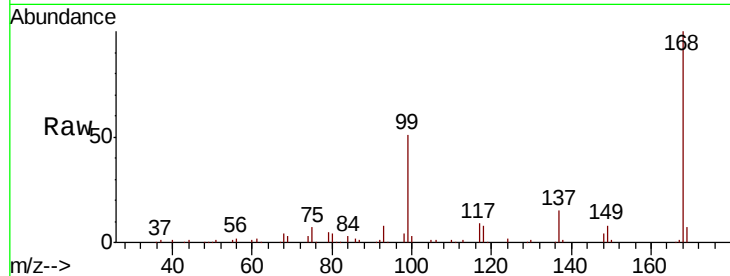
WASTE

Tot Ion:168 Resp: 314764

Ion Ratio Lower Upper

168 100

99 50.9 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): VN056375.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN056375.D (-1813) (-)

7.66

150000

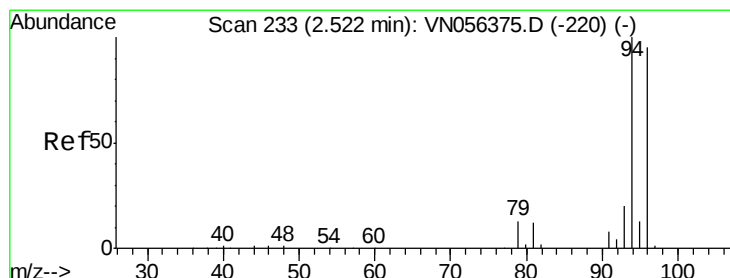
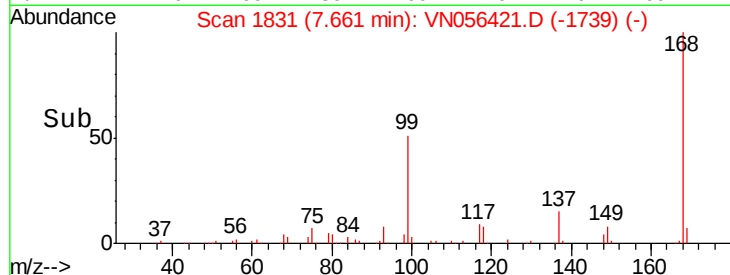
100000

50000

0

7.60 7.70 7.80

Time-->



#5

Bromomethane

Concen: 0.328 ug/l

RT: 2.51 min Scan# 228

Delta R.T. -0.02 min

Lab File: VN056421.D

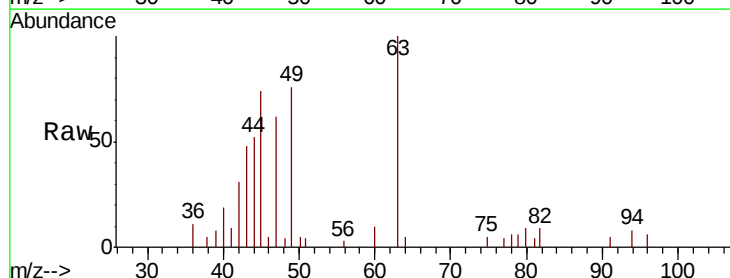
Acq: 21 Jun 2019 13:19

Tgt Ion: 94 Resp: 675

Ion Ratio Lower Upper

94 100

96 80.8 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VN056375.D (-220) (-)

Ion 95.90 (95.60 to 96.60): VN056375.D (-220) (-)

2.51

400

300

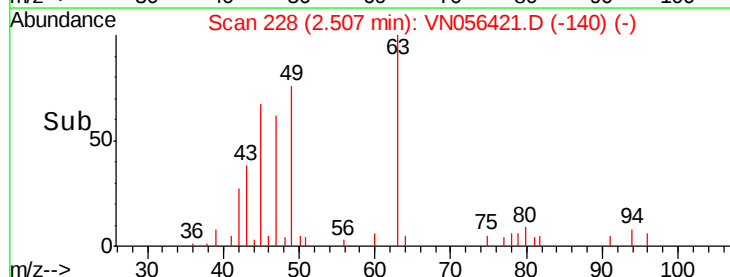
200

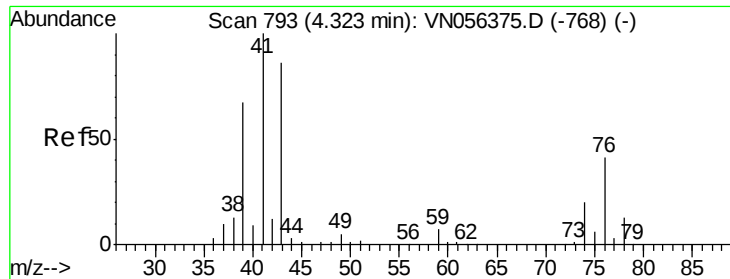
100

0

2.48 2.50 2.52 2.54 2.56

Time-->

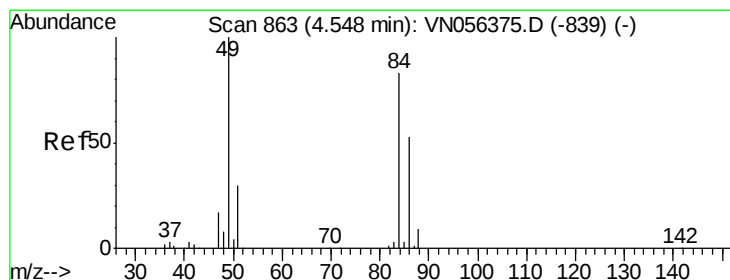
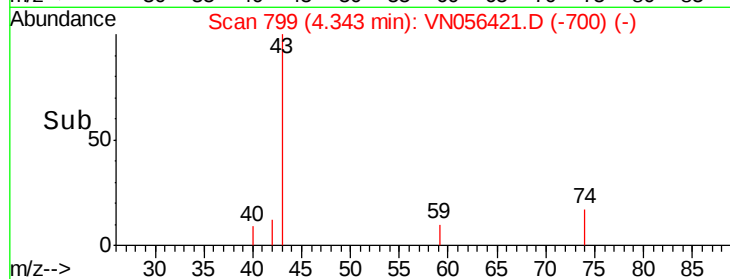
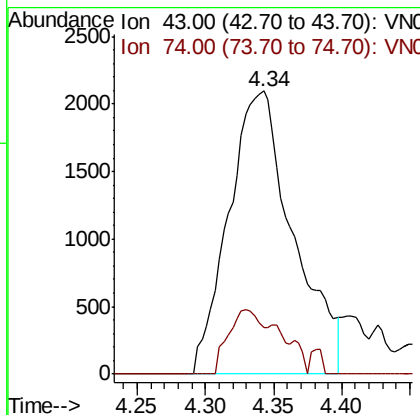
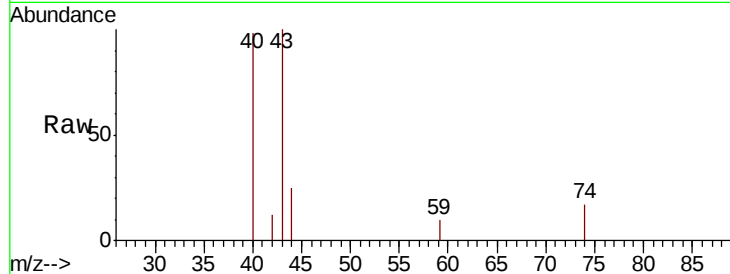




#18
Methyl Acetate
Concen: 1.163 ug/l
RT: 4.34 min Scan# 799
Delta R.T. 0.02 min
Lab File: VN056421.D
Acq: 21 Jun 2019 13:19

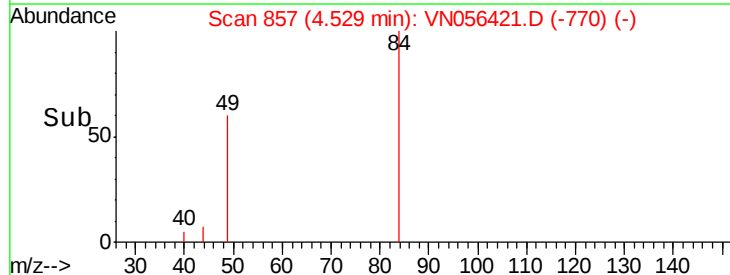
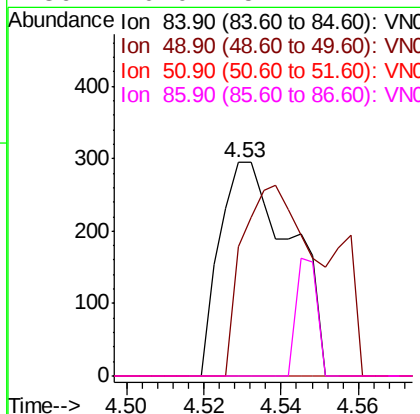
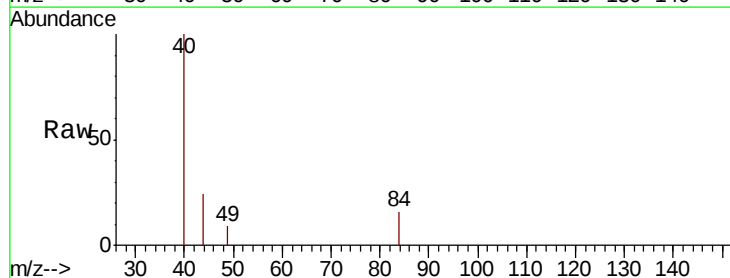
Instrument :
MSVOA_N
ClientSampled :
WASTE

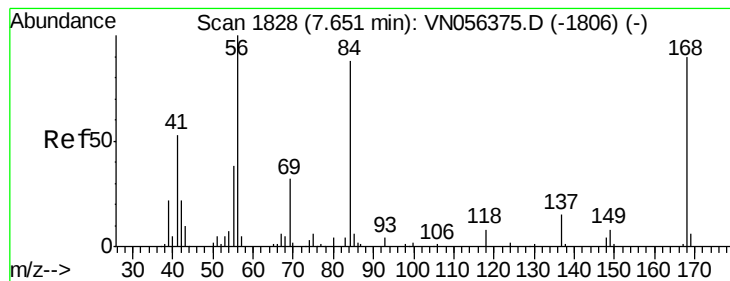
Tot Ion: 43 Resp: 6883
Ion Ratio Lower Upper
43 100
74 12.3 19.2 28.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.53 min Scan# 857
Delta R.T. -0.02 min
Lab File: VN056421.D
Acq: 21 Jun 2019 13:19

Tgt Ion: 84 Resp: 377
Ion Ratio Lower Upper
84 100
49 60.3 96.4 144.6#
51 0.0 28.6 43.0#
86 0.0 51.4 77.2#





#31

Cyclohexane

Concen: 0.965 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN056421.D

Acq: 21 Jun 2019 13:19

Instrument :

MSVOA_N

ClientSampled :

WASTE

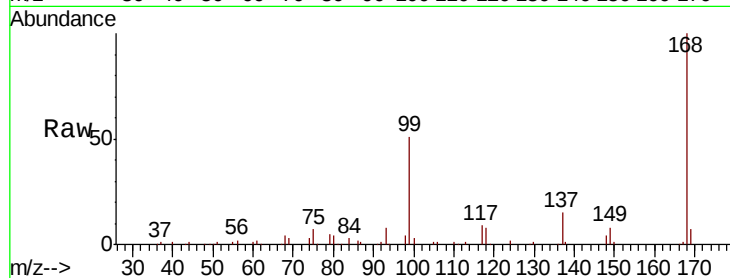
Tot Ion: 56 Resp: 5197

Ion Ratio Lower Upper

56 100

69 186.3 25.8 38.6#

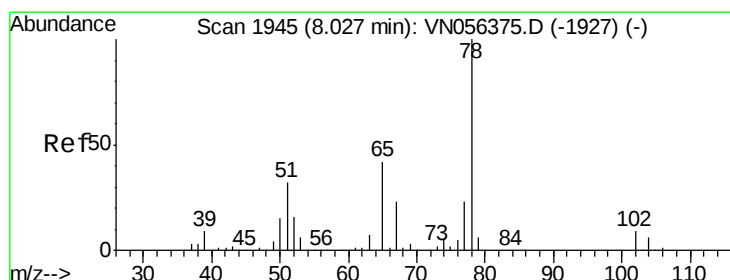
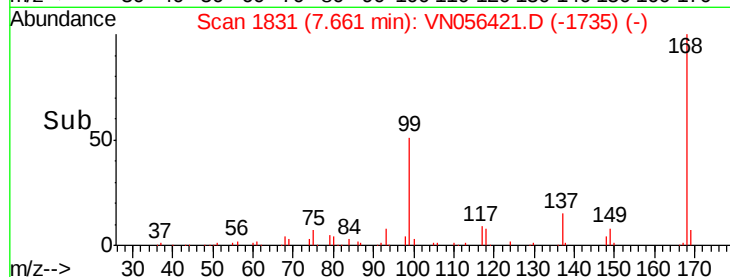
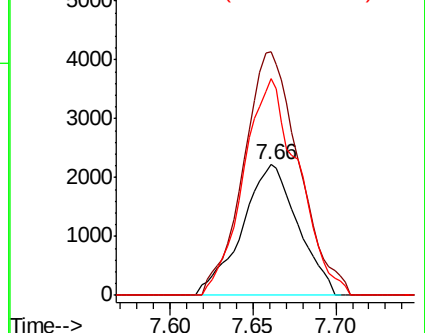
84 166.0 69.4 104.0#



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: 50.764 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN056421.D

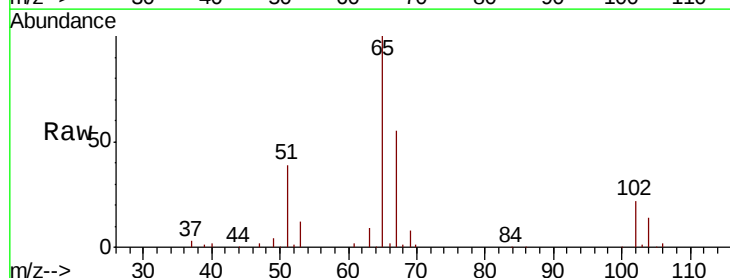
Acq: 21 Jun 2019 13:19

Tgt Ion: 65 Resp: 177093

Ion Ratio Lower Upper

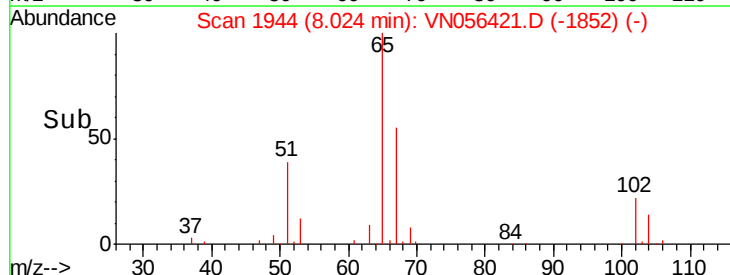
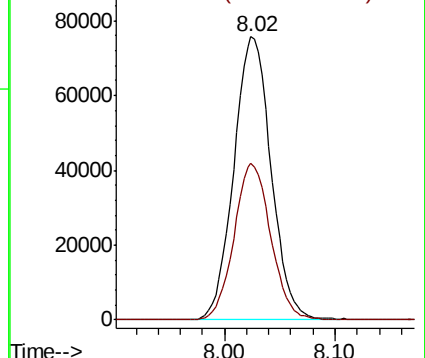
65 100

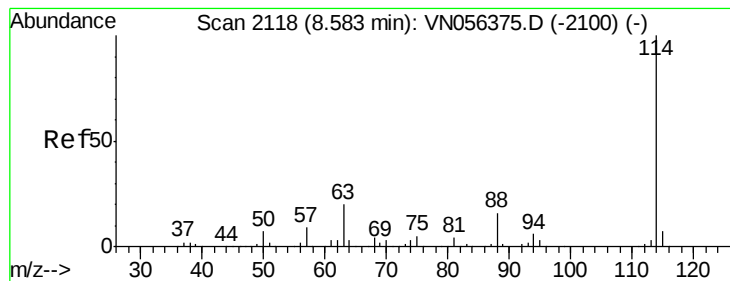
67 54.3 0.0 109.0



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: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN056421.D

Acq: 21 Jun 2019 13:19

Instrument :

MSVOA_N

ClientSampleId :

WASTE

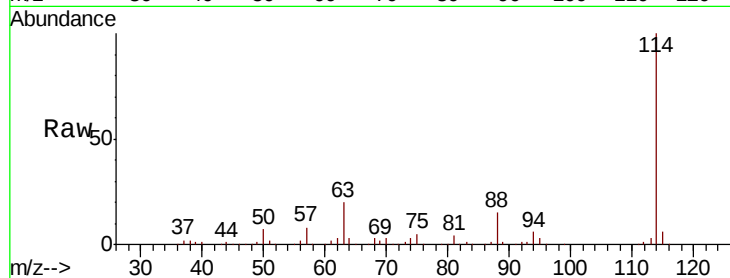
Tot Ion:114 Resp: 528685

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.2

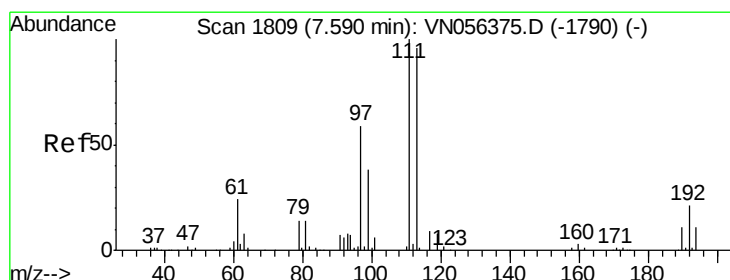
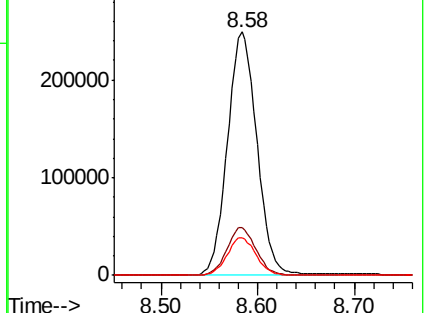
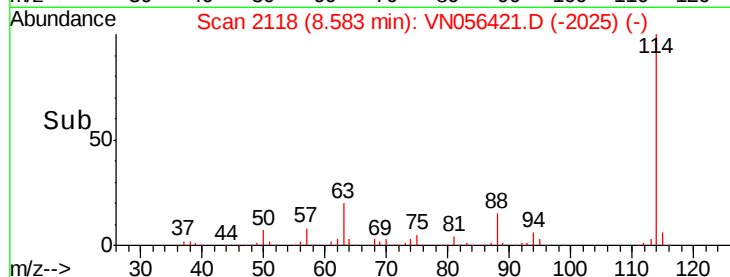
88 15.4 0.0 31.4



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: 45.233 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056421.D

Acq: 21 Jun 2019 13:19

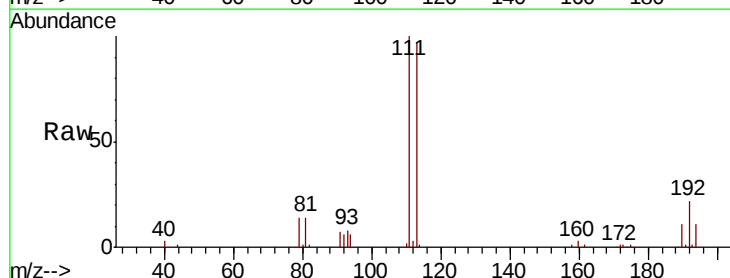
Tgt Ion:113 Resp: 149185

Ion Ratio Lower Upper

113 100

111 102.7 82.9 124.3

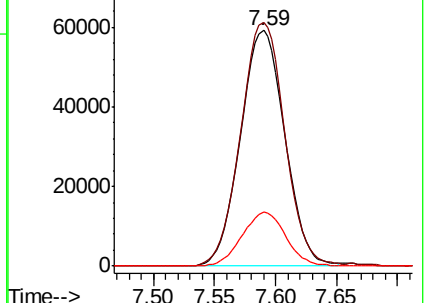
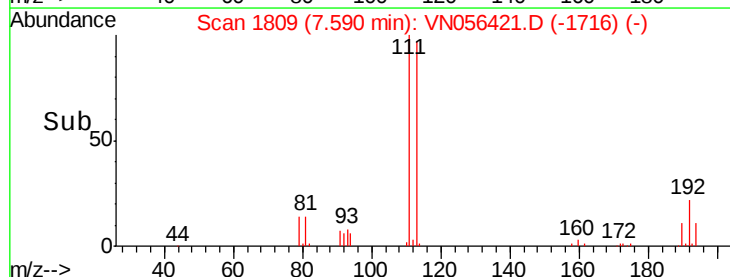
192 22.6 17.7 26.5

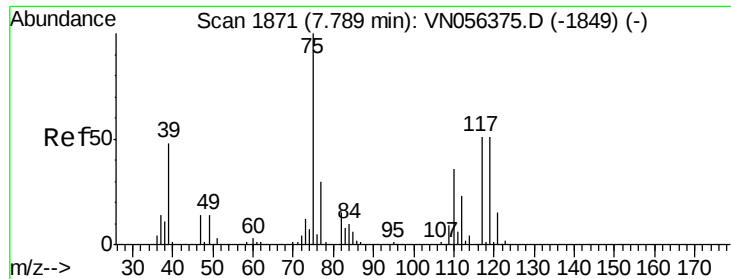


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

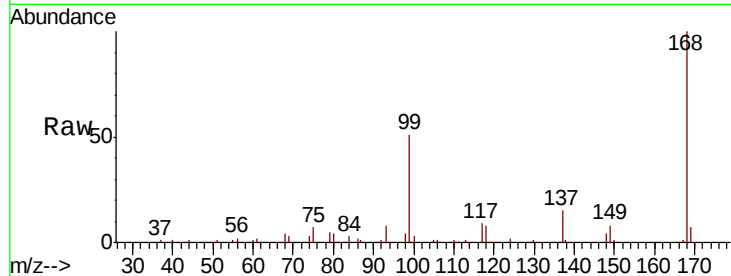




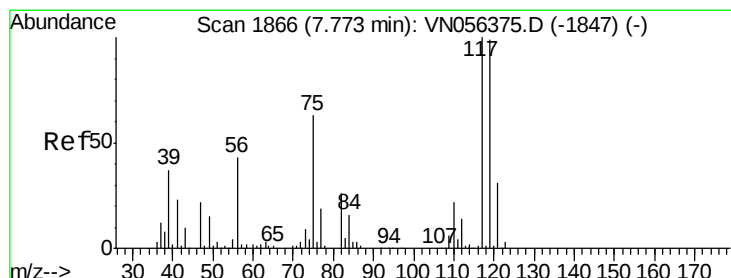
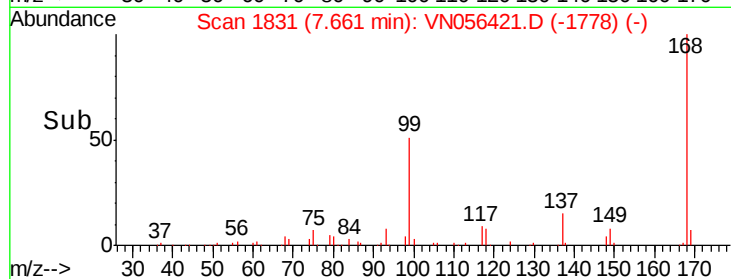
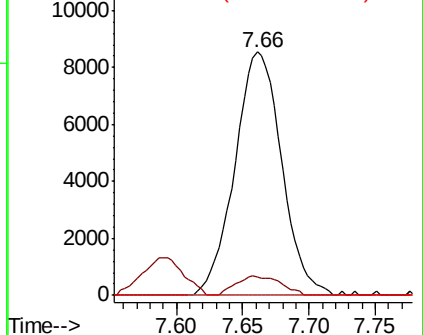
#36
 1,1-Dichloropropene
 Concen: 4.524 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN056421.D
 Acq: 21 Jun 2019 13:19

Instrument :
 MSVOA_N
 ClientSampled :
 WASTE

Tot Ion	Ratio	Lower	Upper
75	100		
110	7.6	18.1	54.3#
77	0.0	24.6	36.8#

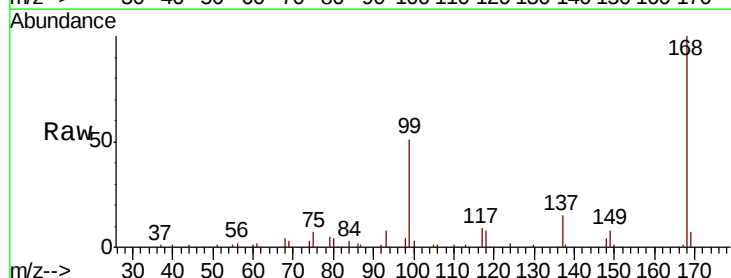


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

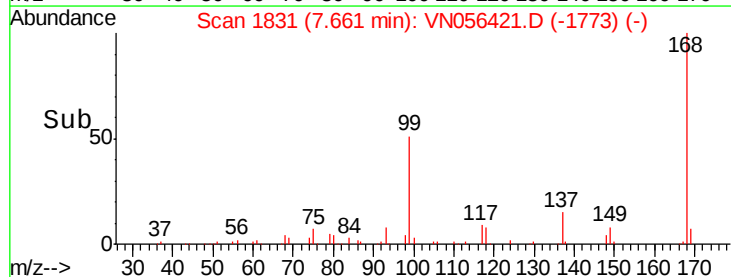
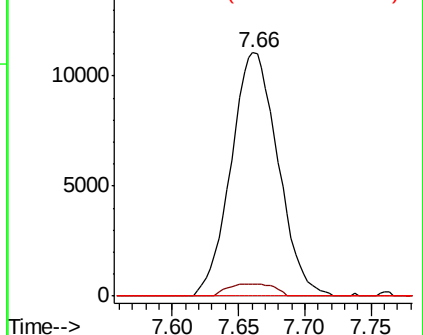


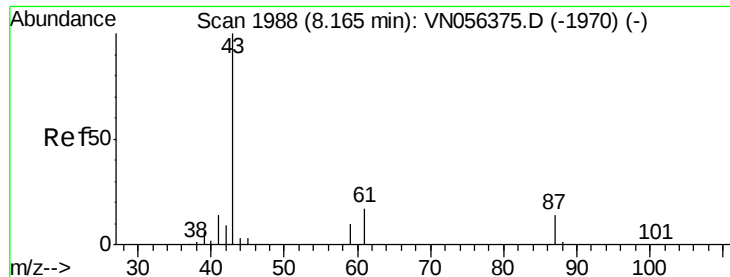
#38
 Carbon Tetrachloride
 Concen: 6.677 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.11 min
 Lab File: VN056421.D
 Acq: 21 Jun 2019 13:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	79.1	118.7#
121	0.0	24.8	37.2#



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



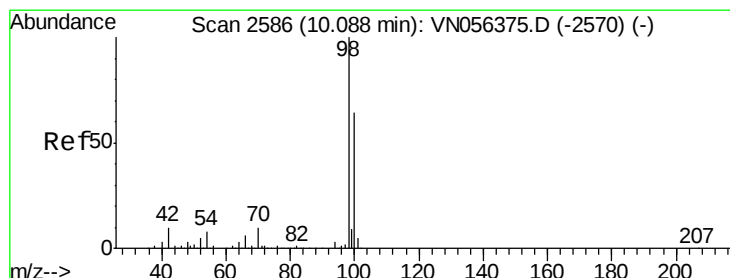
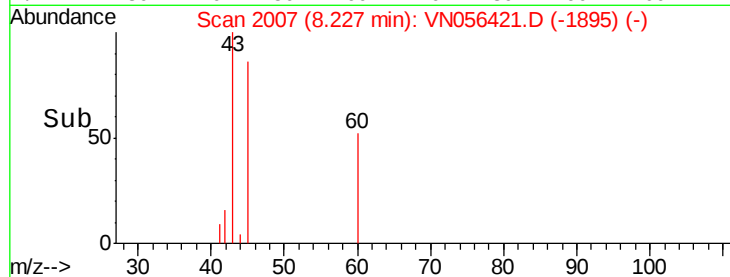
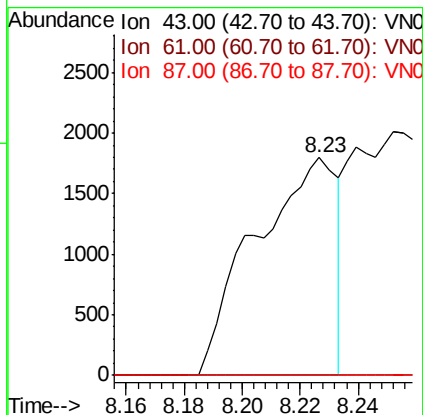
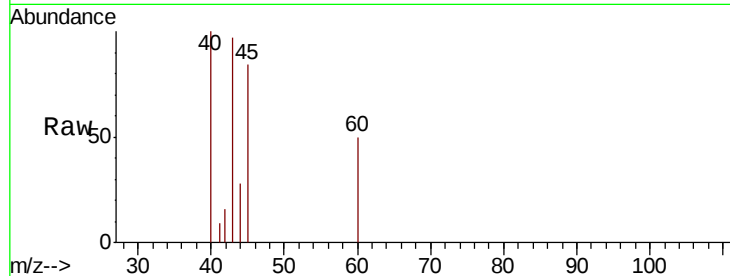


#43

Isopropyl Acetate
 Concen: 0.500 ug/l
 RT: 8.23 min Scan# 2007
 Delta R.T. 0.06 min
 Lab File: VN056421.D
 Acq: 21 Jun 2019 13:19

Instrument :
 MSVOA_N
 ClientSampled :
 WASTE

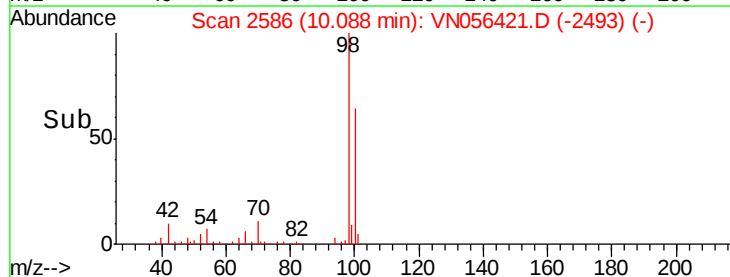
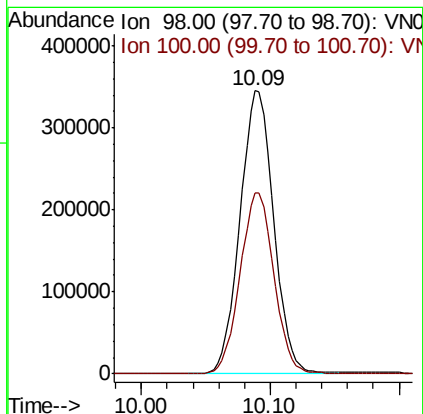
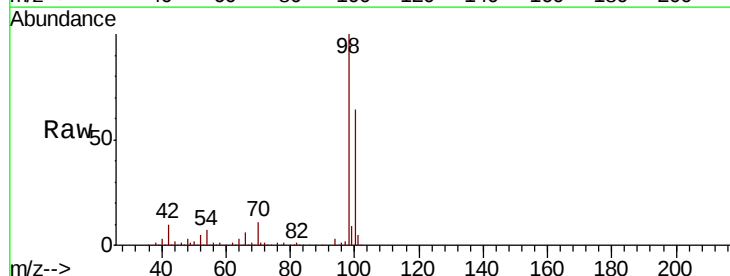
Tot Ion: 43 Resp: 3526
 Ion Ratio Lower Upper
 43 100
 61 0.0 22.0 33.0#
 87 0.0 11.0 16.4#

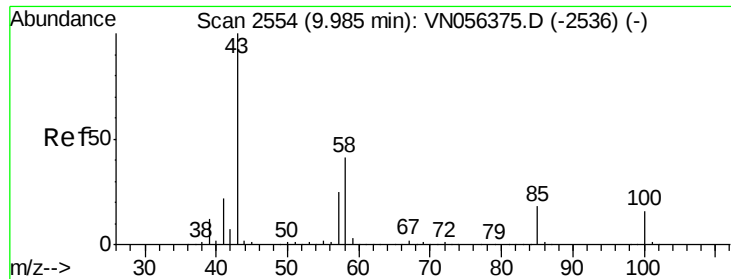


#50

Toluene-d8
 Concen: 48.902 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. 0.00 min
 Lab File: VN056421.D
 Acq: 21 Jun 2019 13:19

Tgt Ion: 98 Resp: 627575
 Ion Ratio Lower Upper
 98 100
 100 64.4 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 0.365 ug/l

RT: 9.99 min Scan# 2557

Delta R.T. 0.01 min

Lab File: VN056421.D

Acq: 21 Jun 2019 13:19

Instrument :

MSVOA_N

ClientSampled :

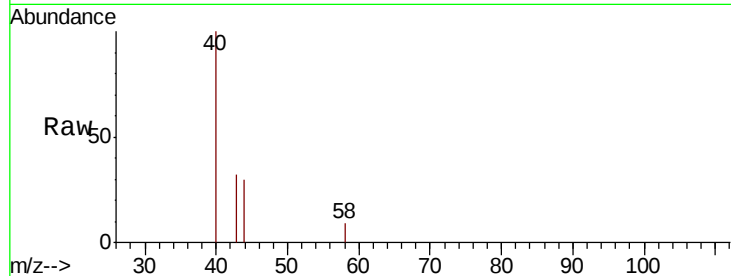
WASTE

Tot Ion: 43 Resp: 1660

Ion Ratio Lower Upper

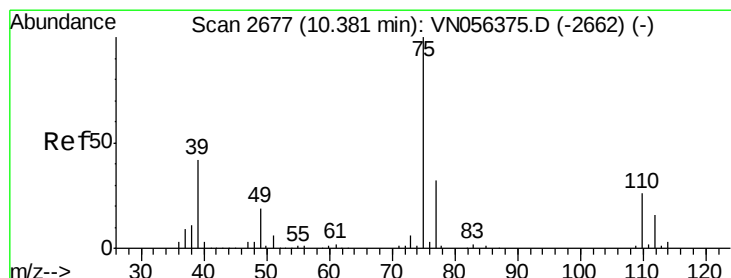
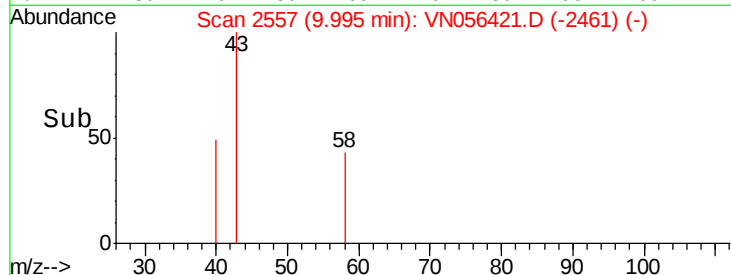
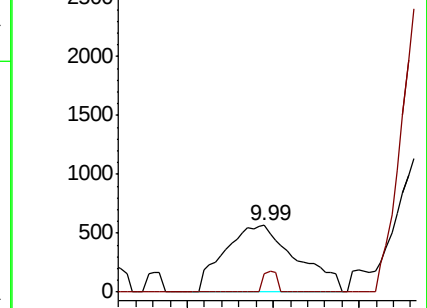
43 100

58 0.0 31.8 47.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#53

t-1,3-Dichloropropene

Concen: 2.965 ug/l

RT: 10.25 min Scan# 2635

Delta R.T. -0.13 min

Lab File: VN056421.D

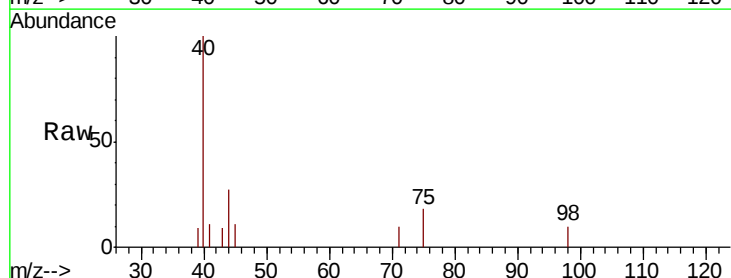
Acq: 21 Jun 2019 13:19

Tgt Ion: 75 Resp: 388

Ion Ratio Lower Upper

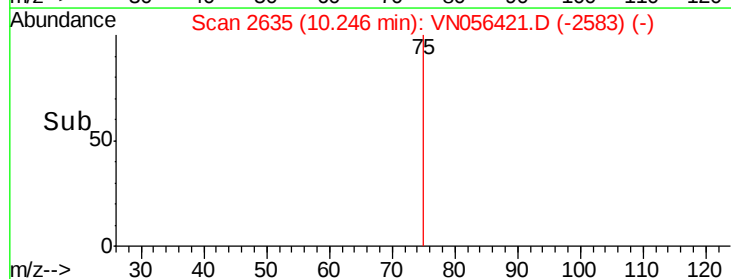
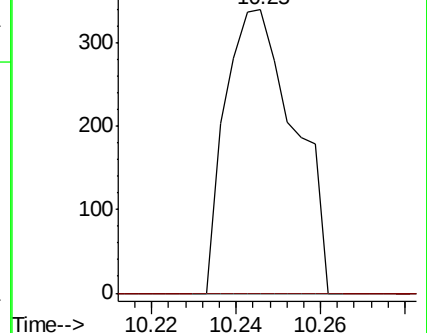
75 100

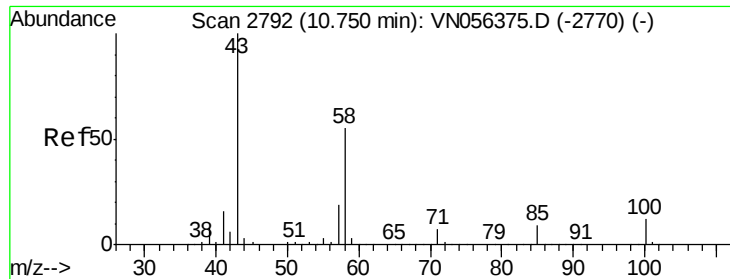
77 0.0 25.4 38.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

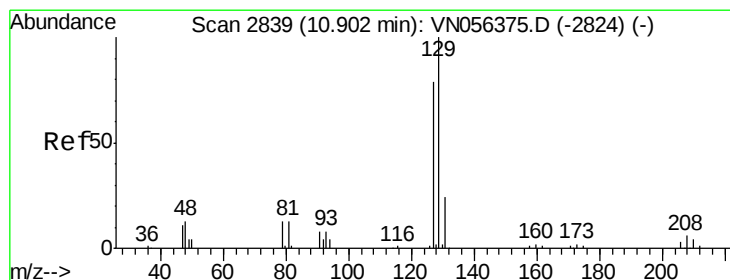
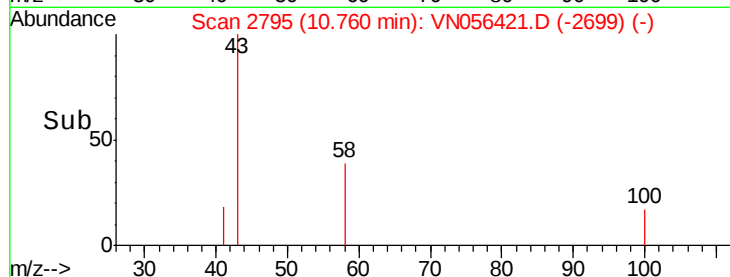
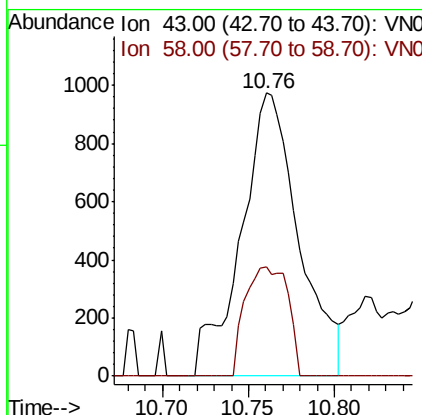
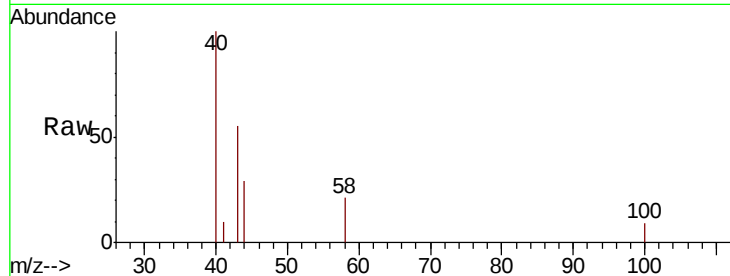




#59
2-Hexanone
Concen: 0.678 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN056421.D
Acq: 21 Jun 2019 13:19

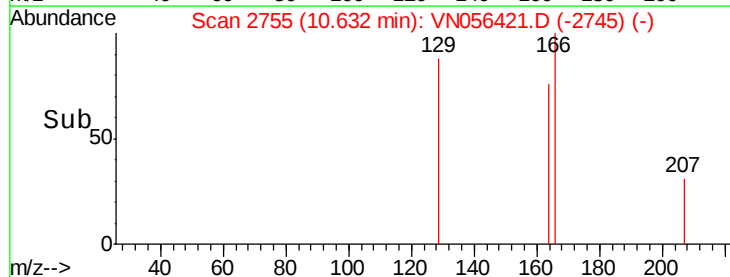
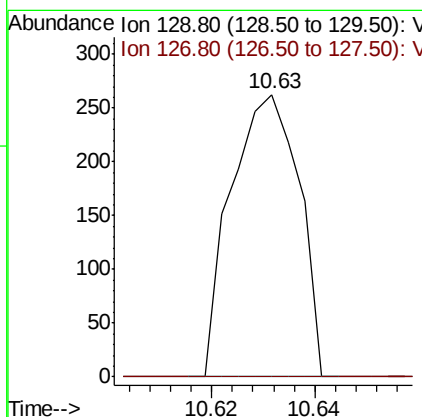
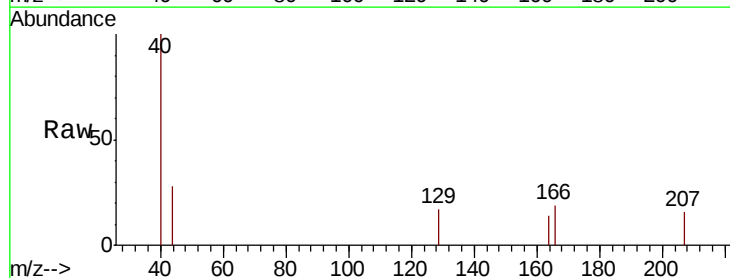
Instrument :
MSVOA_N
ClientSampled :
WASTE

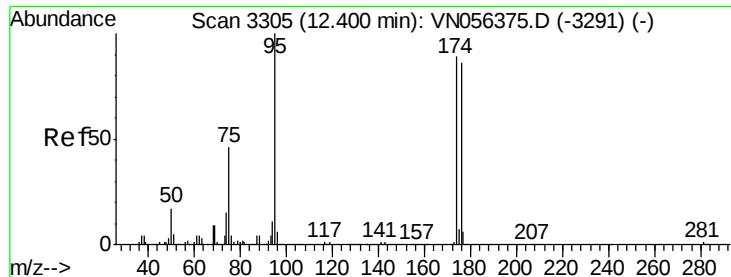
Tot Ion: 43 Resp: 2269
Ion Ratio Lower Upper
43 100
58 28.4 27.8 83.4



#60
Dibromochloromethane
Concen: 2.445 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.27 min
Lab File: VN056421.D
Acq: 21 Jun 2019 13:19

Tgt Ion: 129 Resp: 239
Ion Ratio Lower Upper
129 100
127 0.0 38.9 116.7#





#62

4-Bromofluorobenzene

Concen: 49.215 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056421.D

Acq: 21 Jun 2019 13:19

Instrument :

MSVOA_N

ClientSampleId :

WASTE

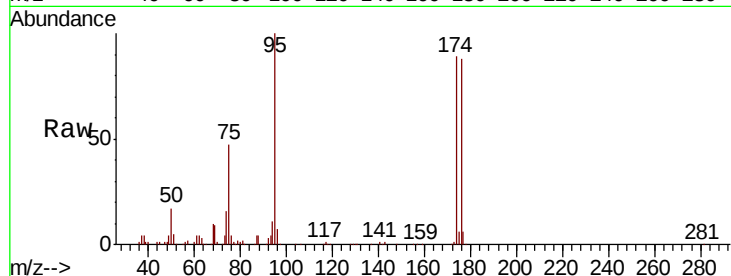
Tot Ion: 95 Resp: 210547

Ion Ratio Lower Upper

95 100

174 89.7 0.0 179.4

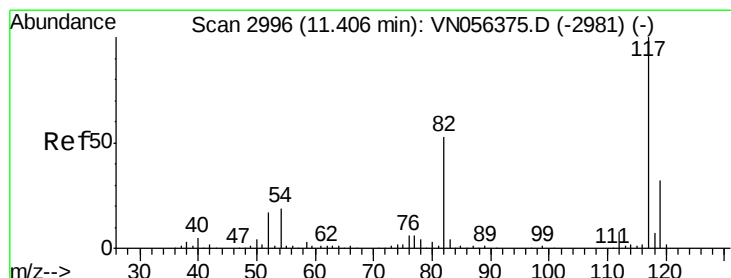
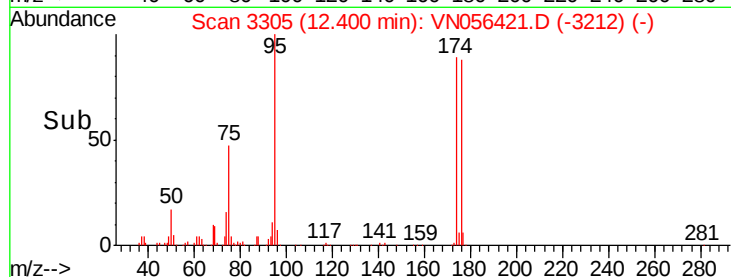
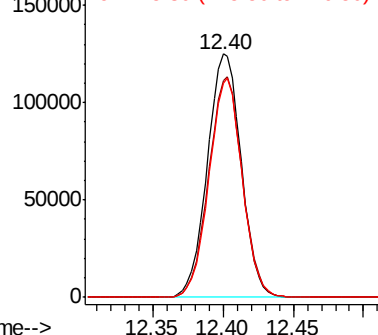
176 87.9 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056421.D

Acq: 21 Jun 2019 13:19

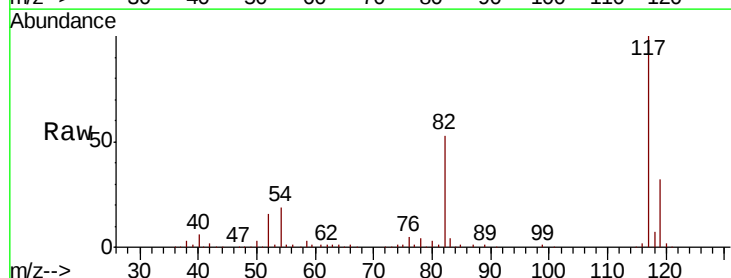
Tgt Ion: 117 Resp: 486172

Ion Ratio Lower Upper

117 100

82 53.2 42.0 63.0

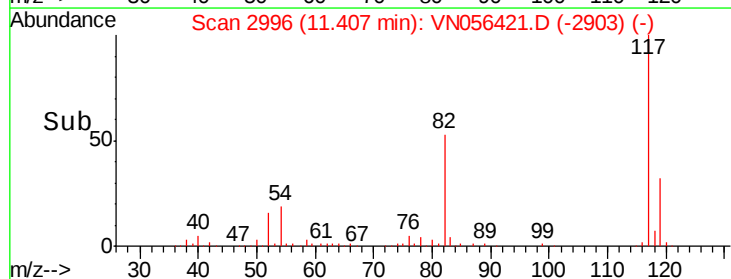
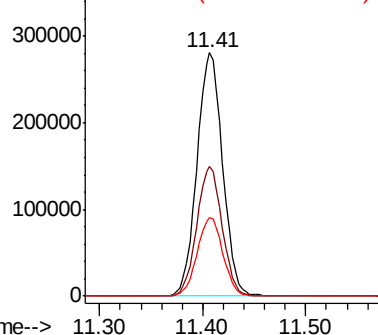
119 32.3 25.3 37.9

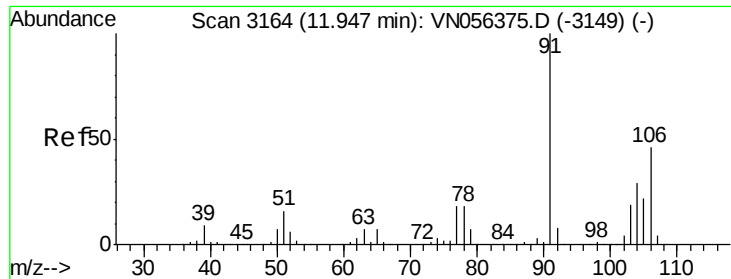


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

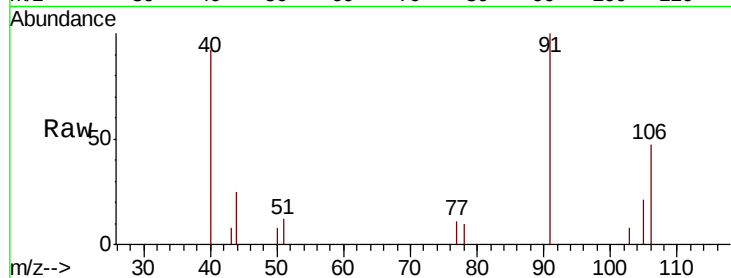




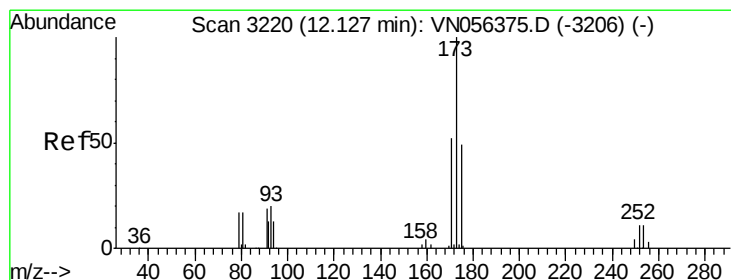
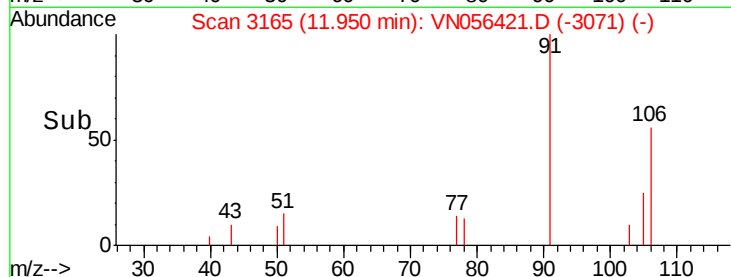
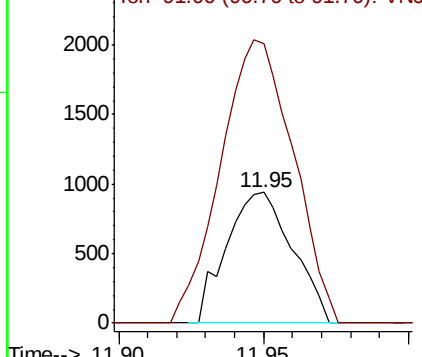
#69
o-Xylene
Concen: 0.239 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN056421.D
Acq: 21 Jun 2019 13:19

Instrument :
MSVOA_N
ClientSampled :
WASTE

Tot Ion:106 Resp: 1489
Ion Ratio Lower Upper
106 100
91 238.0 107.1 321.3

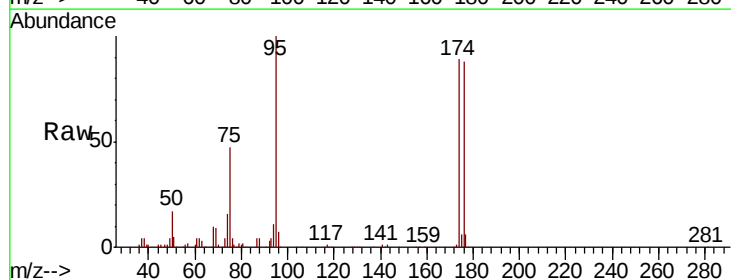


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

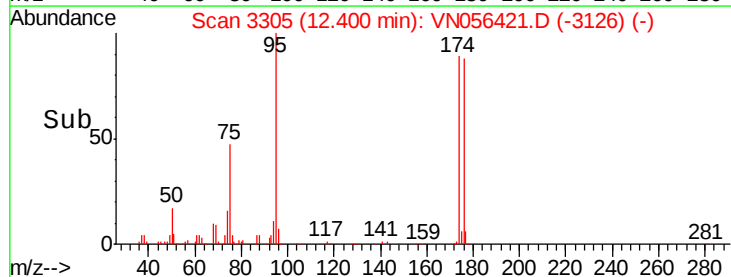
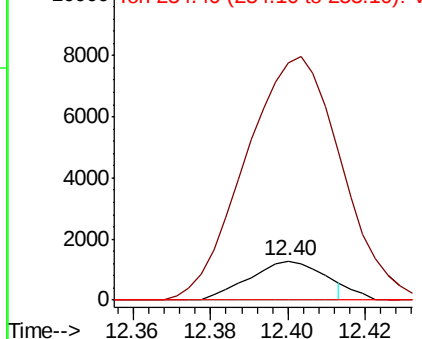


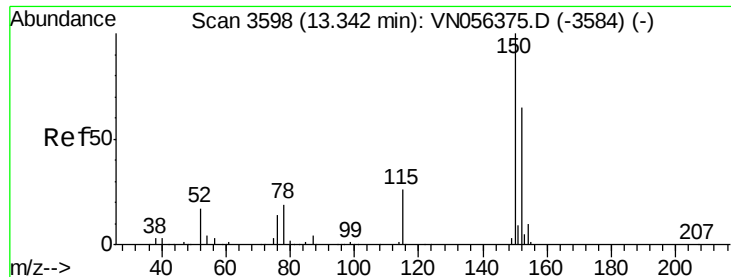
#71
Bromoform
Concen: 3.746 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN056421.D
Acq: 21 Jun 2019 13:19

Tgt Ion:173 Resp: 1715
Ion Ratio Lower Upper
173 100
175 706.5 24.4 73.4#
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: VN056421.D

Acq: 21 Jun 2019 13:19

Instrument :

MSVOA_N

ClientSampled :

WASTE

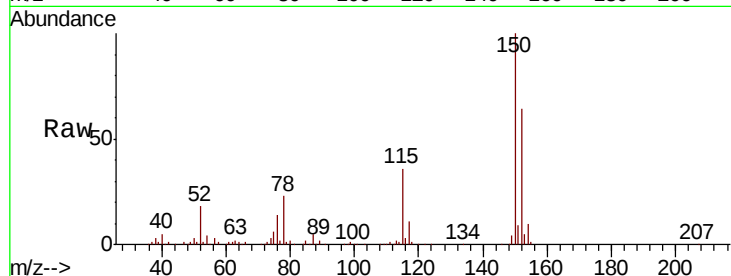
Tot Ion:152 Resp: 179748

Ion Ratio Lower Upper

152 100

115 55.8 28.1 84.4

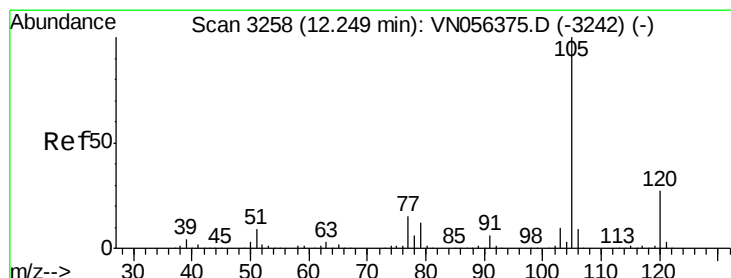
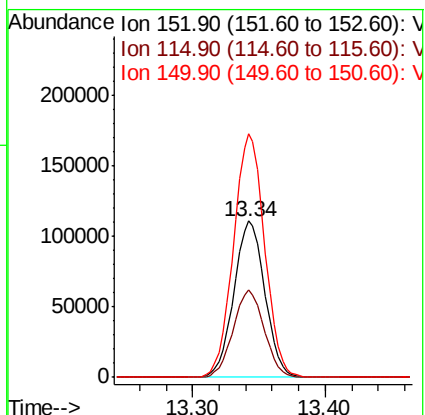
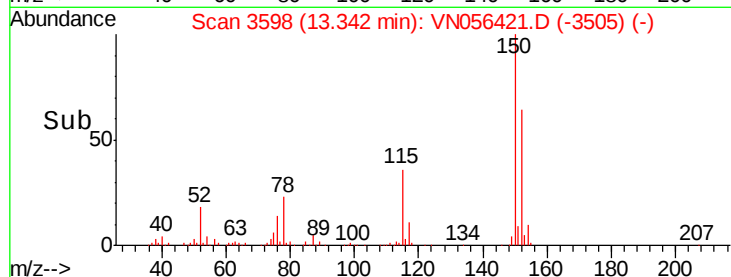
150 155.9 0.0 348.4



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# 3258

Delta R.T. 0.00 min

Lab File: VN056421.D

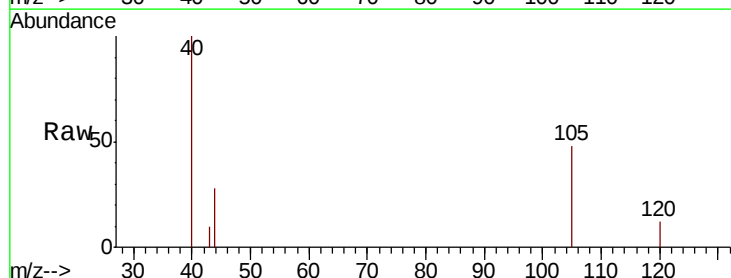
Acq: 21 Jun 2019 13:19

Tgt Ion:105 Resp: 1306

Ion Ratio Lower Upper

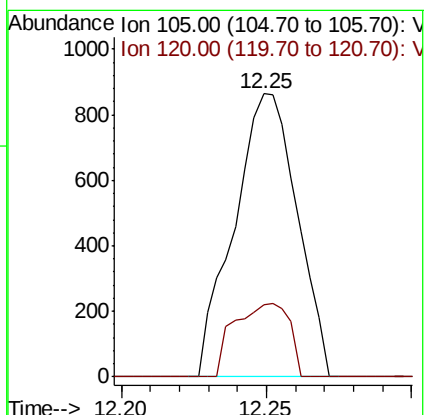
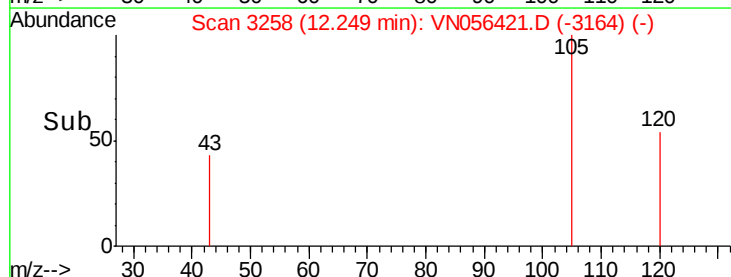
105 100

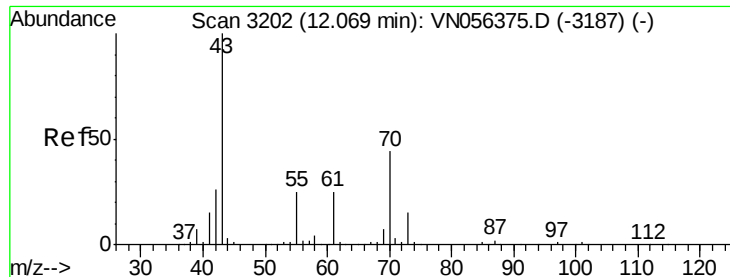
120 22.5 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.216 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056421.D

Acq: 21 Jun 2019 13:19

Instrument :

MSVOA_N

ClientSampled :

WASTE

Tot Ion: 43 Resp: 1237

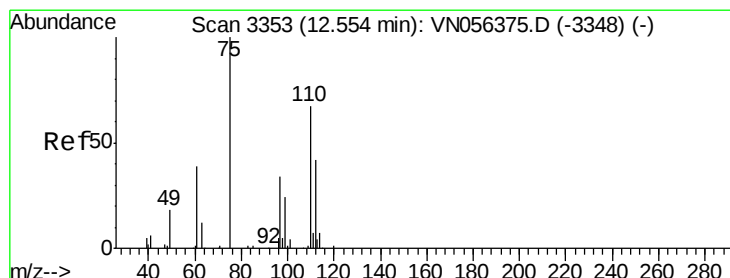
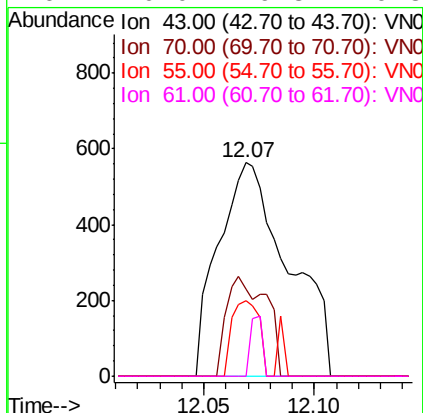
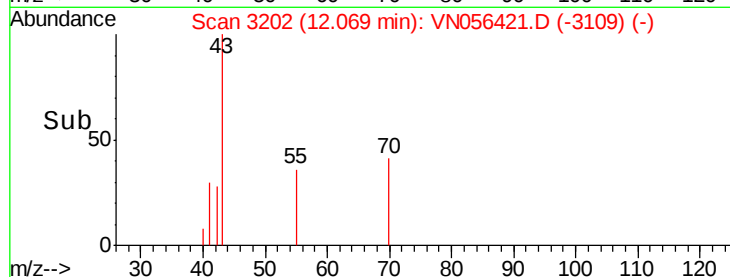
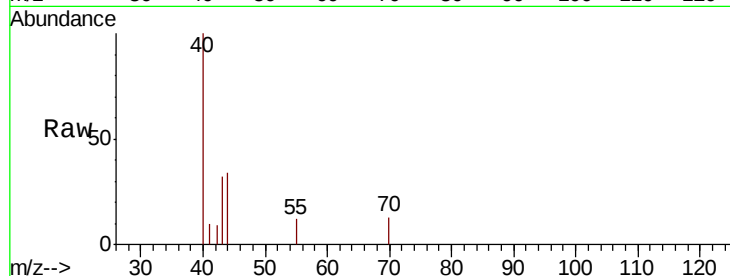
Ion Ratio Lower Upper

43 100

70 26.5 34.9 52.3#

55 13.8 20.4 30.6#

61 0.0 19.8 29.8#



#76

1,2,3-Trichloropropane

Concen: 26.332 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056421.D

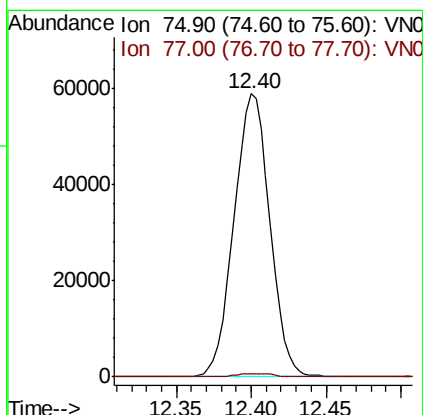
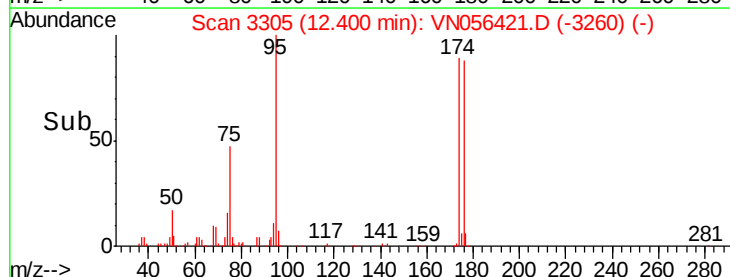
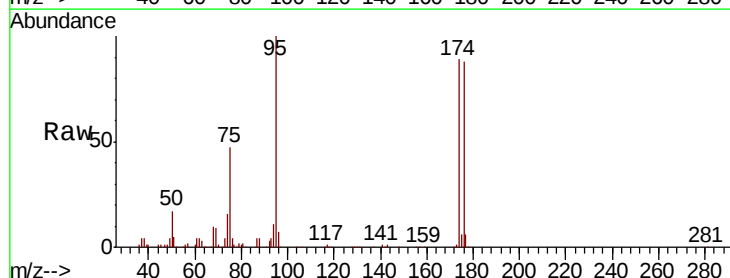
Acq: 21 Jun 2019 13:19

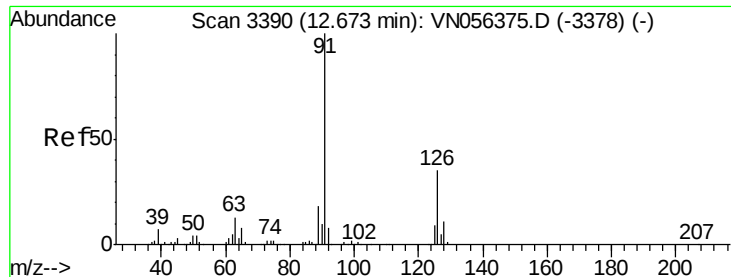
Tgt Ion: 75 Resp: 98143

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3392

Delta R.T. 0.01 min

Lab File: VN056421.D

Acq: 21 Jun 2019 13:19

Instrument :

MSVOA_N

ClientSampled :

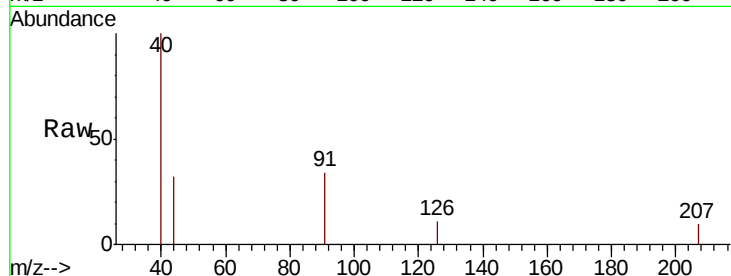
WASTE

Tot Ion: 91 Resp: 935

Ion Ratio Lower Upper

91 100

126 23.6 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN056375.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN056375.D (-3378) (-)

12.68

600

400

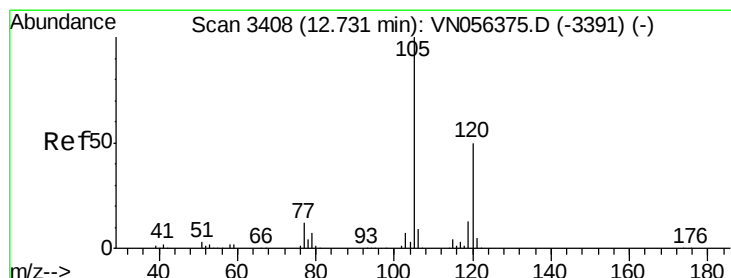
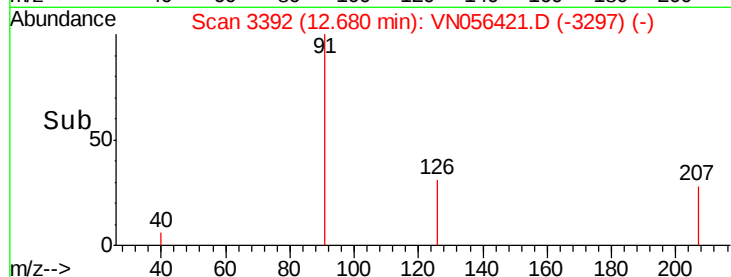
200

0

12.65

12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056421.D

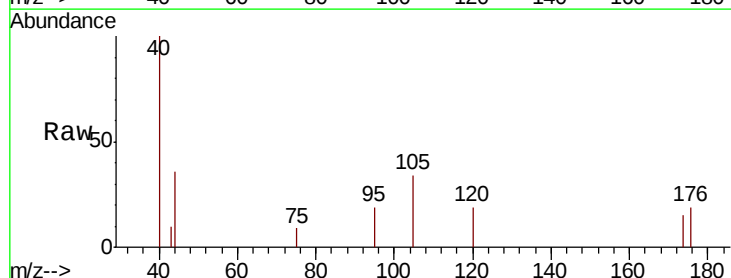
Acq: 21 Jun 2019 13:19

Tgt Ion: 105 Resp: 942

Ion Ratio Lower Upper

105 100

120 43.3 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VN056375.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN056375.D (-3391) (-)

12.73

600

400

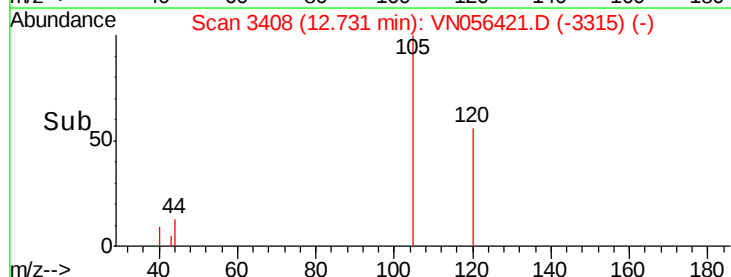
200

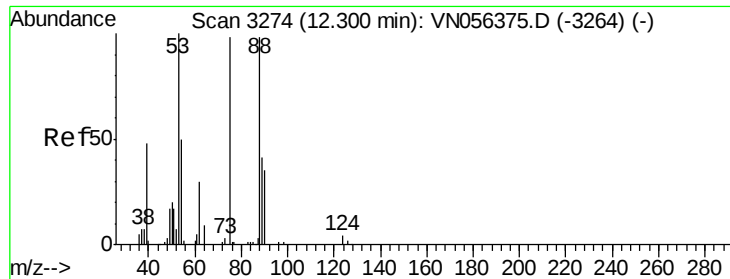
0

12.70

12.75

Time-->

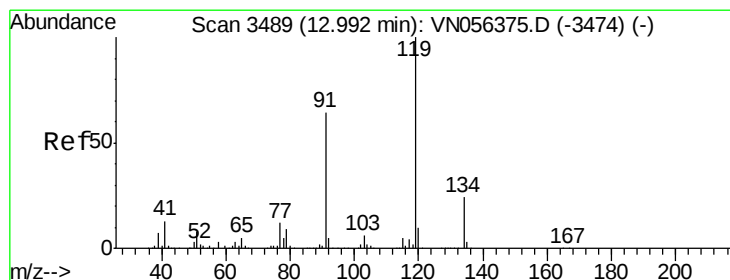
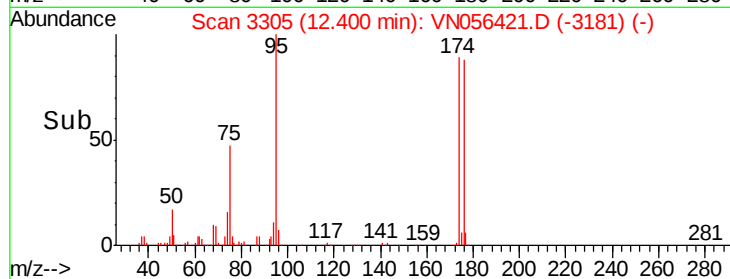
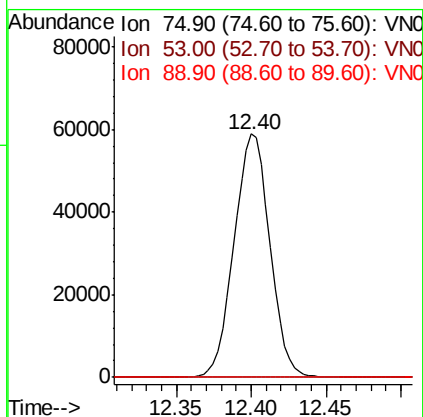
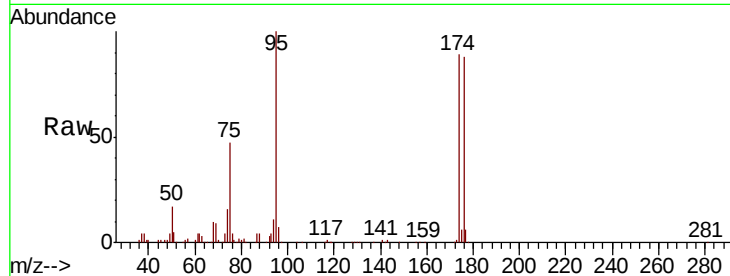




#81
trans-1,4-Dichloro-2-butene
Concen: 93.589 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN056421.D
Acq: 21 Jun 2019 13:19

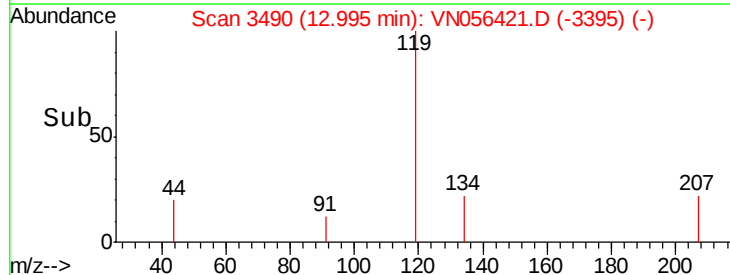
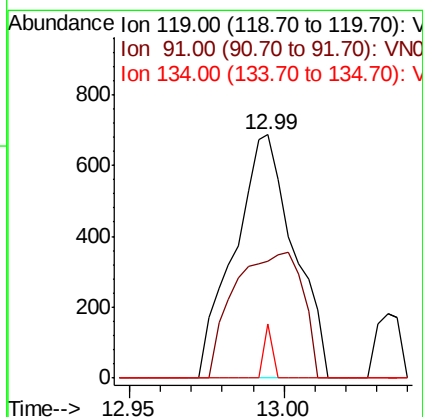
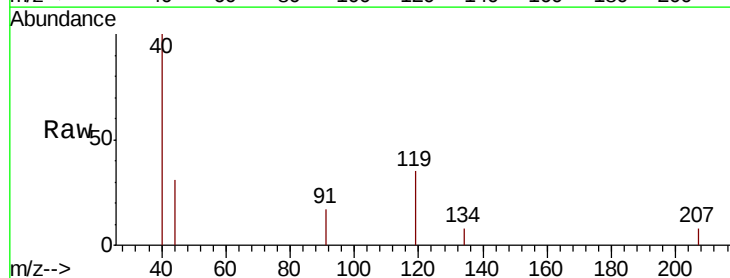
Instrument :
MSVOA_N
ClientSampled :
WASTE

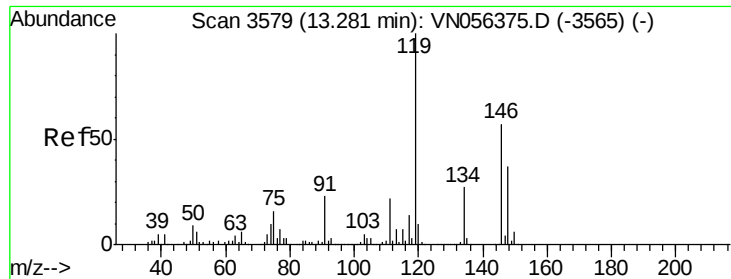
Tot Ion: 75 Resp: 98143
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 35.0 52.6#



#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN056421.D
Acq: 21 Jun 2019 13:19

Tgt Ion: 119 Resp: 918
Ion Ratio Lower Upper
119 100
91 59.2 31.6 94.7
134 3.3 13.2 39.5#

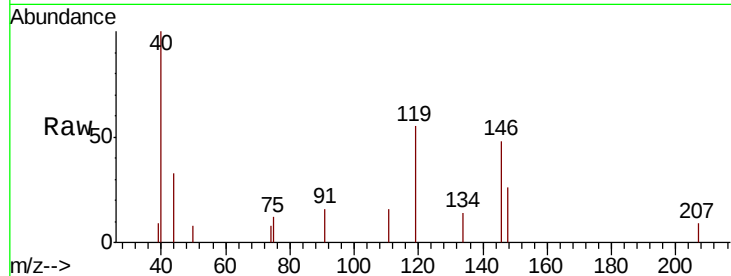




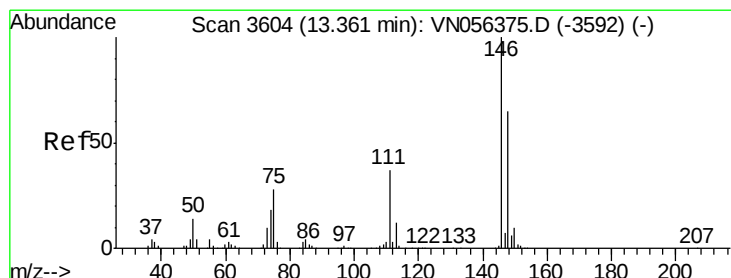
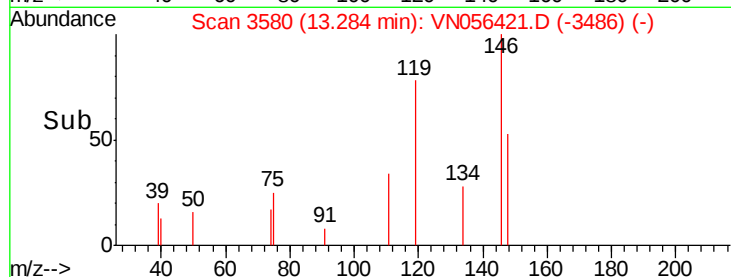
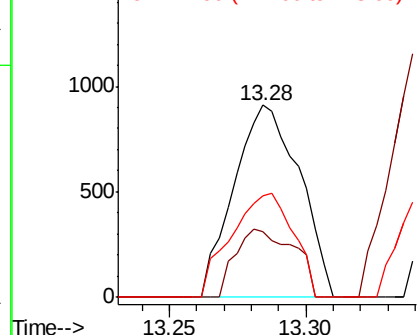
#87
 1,3-Dichlorobenzene
 Concen: 0.250 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN056421.D
 Acq: 21 Jun 2019 13:19

Instrument :
 MSVOA_N
 ClientSampled :
 WASTE

Tot Ion:146 Resp: 1522
 Ion Ratio Lower Upper
 146 100
 111 31.7 18.9 56.9
 148 51.0 32.1 96.5

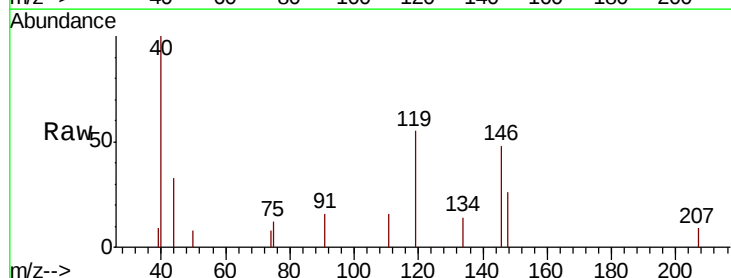


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

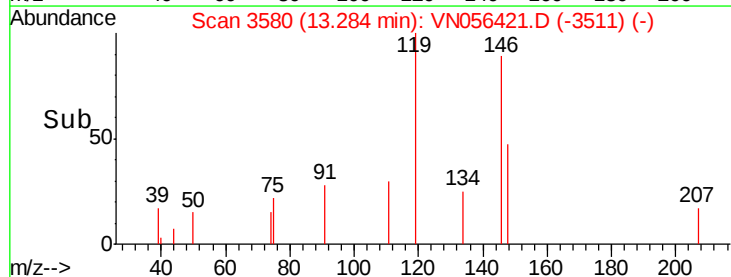
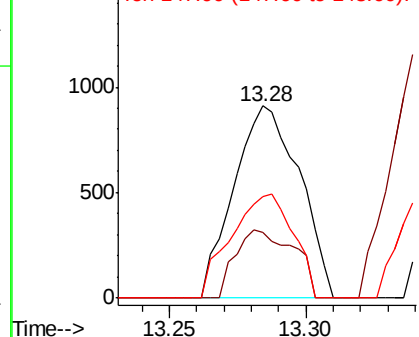


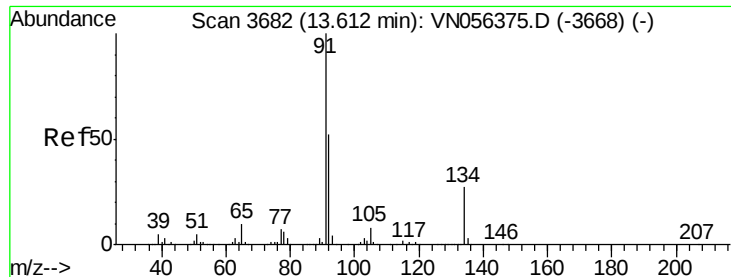
#88
 1,4-Dichlorobenzene
 Concen: 0.258 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.08 min
 Lab File: VN056421.D
 Acq: 21 Jun 2019 13:19

Tgt Ion:146 Resp: 1522
 Ion Ratio Lower Upper
 146 100
 111 31.7 18.4 55.4
 148 51.0 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 0.298 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN056421.D

Acq: 21 Jun 2019 13:19

Instrument :

MSVOA_N

ClientSampled :

WASTE

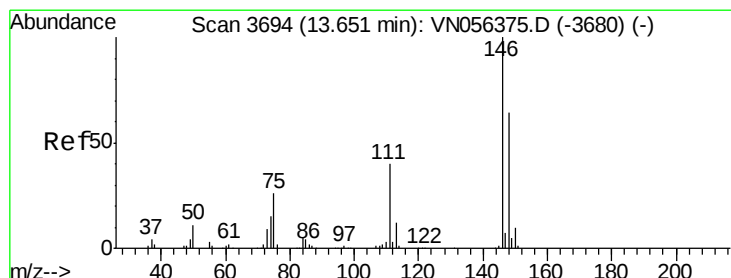
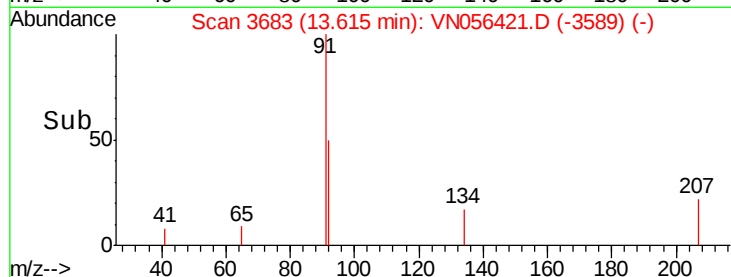
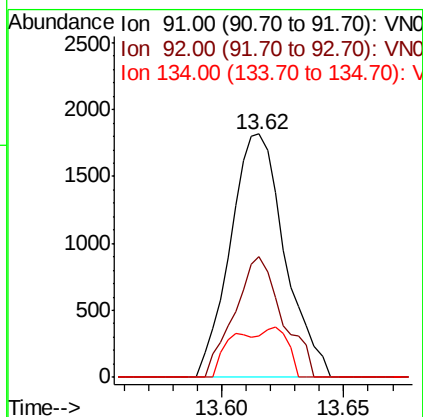
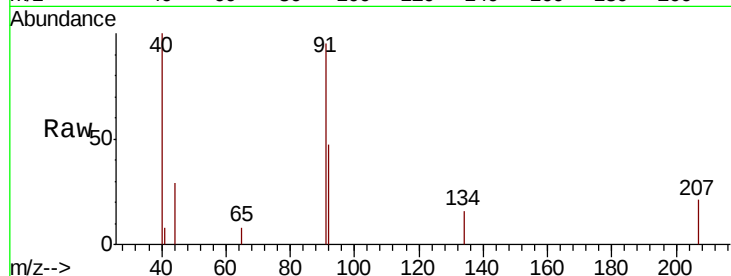
Tot Ion: 91 Resp: 2804

Ion Ratio Lower Upper

91 100

92 43.8 26.2 78.5

134 9.7 13.4 40.2#



#91

1,2-Dichlorobenzene

Concen: 0.294 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN056421.D

Acq: 21 Jun 2019 13:19

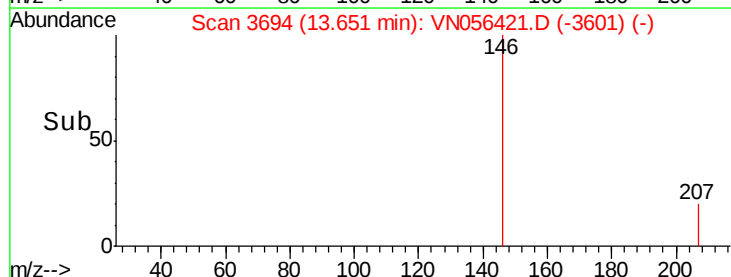
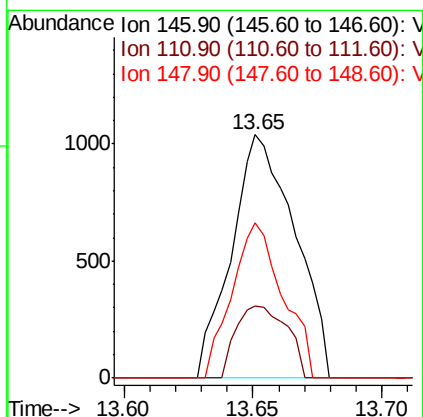
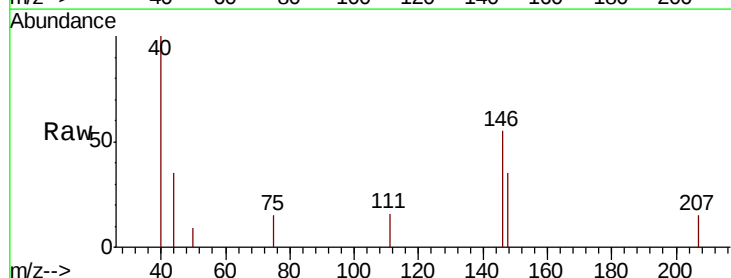
Tgt Ion: 146 Resp: 1778

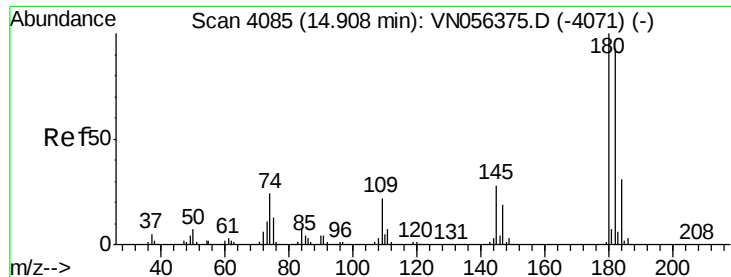
Ion Ratio Lower Upper

146 100

111 23.8 19.3 57.9

148 50.9 32.0 96.0

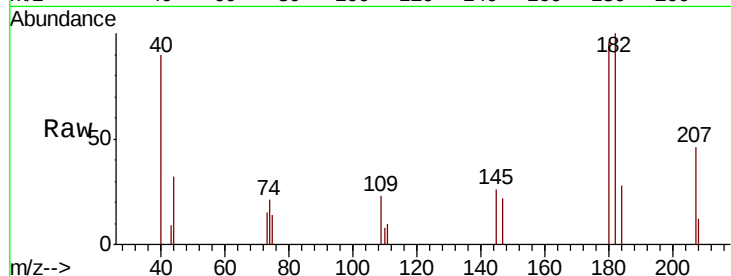




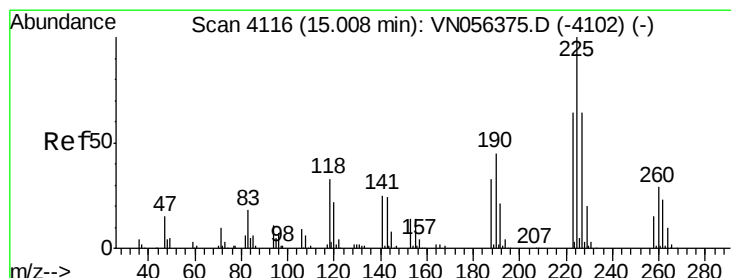
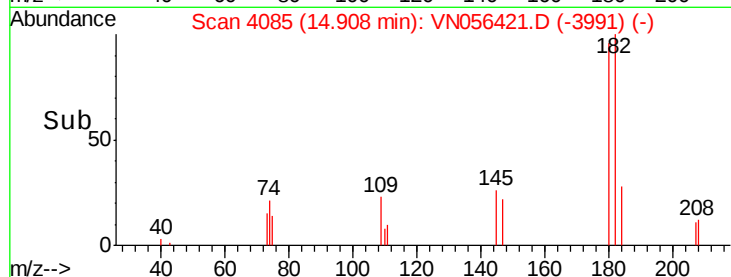
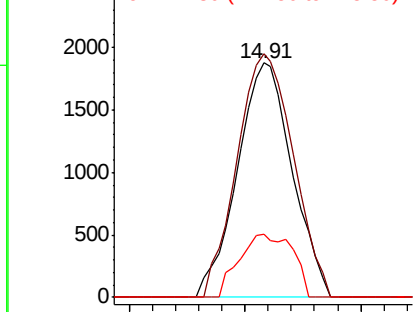
#93
 1,2,4-Trichlorobenzene
 Concen: 6.480 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056421.D
 Acq: 21 Jun 2019 13:19

Instrument :
 MSVOA_N
 ClientSampled :
 WASTE

Tot Ion:180 Resp: 3068
 Ion Ratio Lower Upper
 180 100
 182 106.9 46.9 140.6
 145 26.0 14.4 43.0

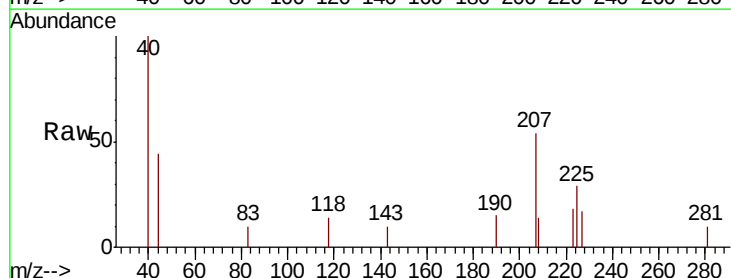


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

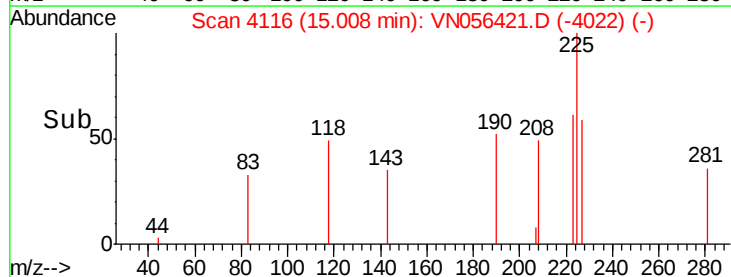
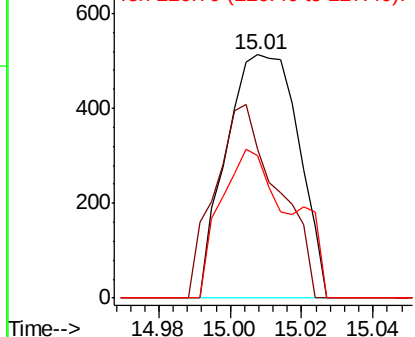


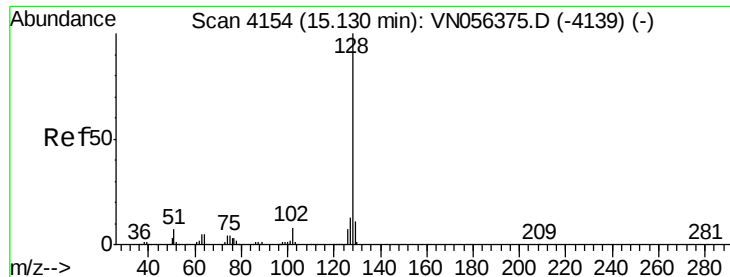
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056421.D
 Acq: 21 Jun 2019 13:19

Tgt Ion:225 Resp: 717
 Ion Ratio Lower Upper
 225 100
 223 69.5 31.4 94.3
 227 59.8 32.1 96.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 6.152 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056421.D

Acq: 21 Jun 2019 13:19

Instrument :

MSVOA_N

ClientSampleId :

WASTE

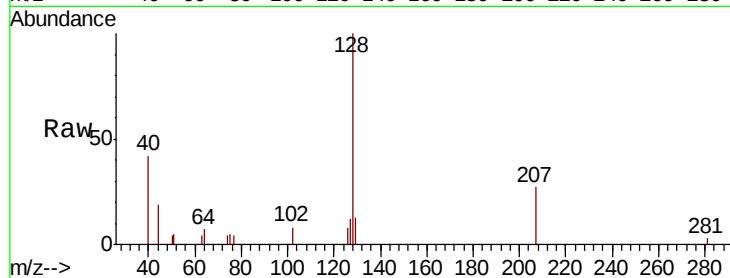
Tot Ion:128 Resp: 8341

Ion Ratio Lower Upper

128 100

127 11.4 10.2 15.2

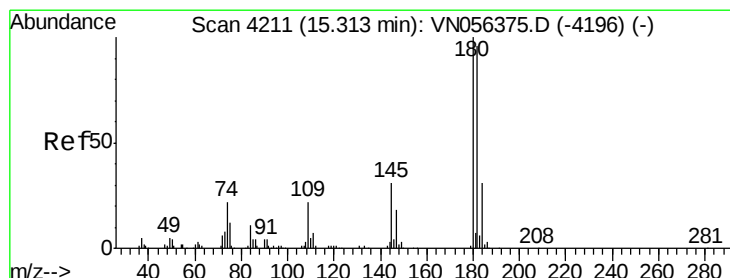
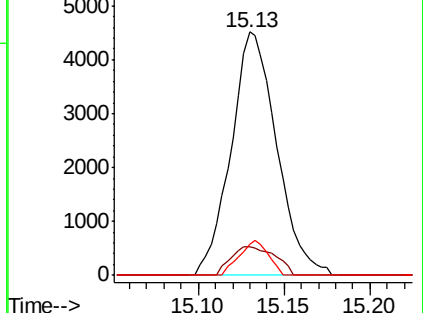
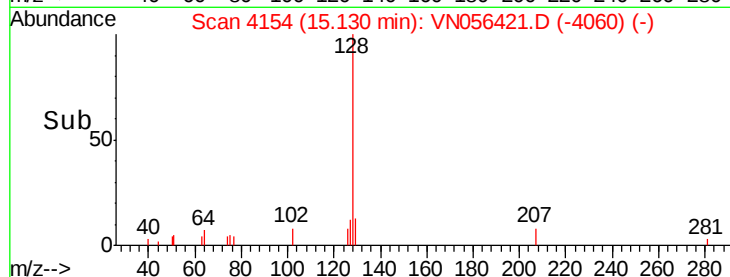
129 9.0 8.6 12.8



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



#96

1,2,3-Trichlorobenzene

Concen: 5.540 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN056421.D

Acq: 21 Jun 2019 13:19

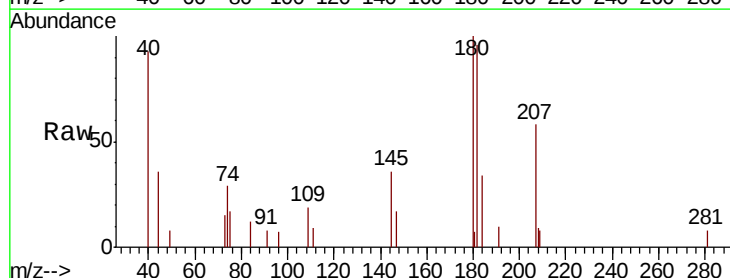
Tgt Ion:180 Resp: 3792

Ion Ratio Lower Upper

180 100

182 99.1 48.3 144.8

145 32.7 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

