

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062119\
 Data File : VN056423.D
 Acq On : 21 Jun 2019 14:06
 Operator : JC/SP
 Sample : PB120805TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120805TB

Quant Time: Jun 22 01:45:49 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	7.67	168	395162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	662667	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	671792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	209394	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	221898	50.67	ug/l	0.00
Spiked Amount			Recovery	=	101.34%	
35) Dibromofluoromethane	7.59	113	192538	46.57	ug/l	0.00
Spiked Amount			Recovery	=	93.14%	
50) Toluene-d8	10.09	98	832195	51.74	ug/l	0.00
Spiked Amount			Recovery	=	103.48%	
62) 4-Bromofluorobenzene	12.40	95	280377	52.29	ug/l	0.00
Spiked Amount			Recovery	=	104.58%	

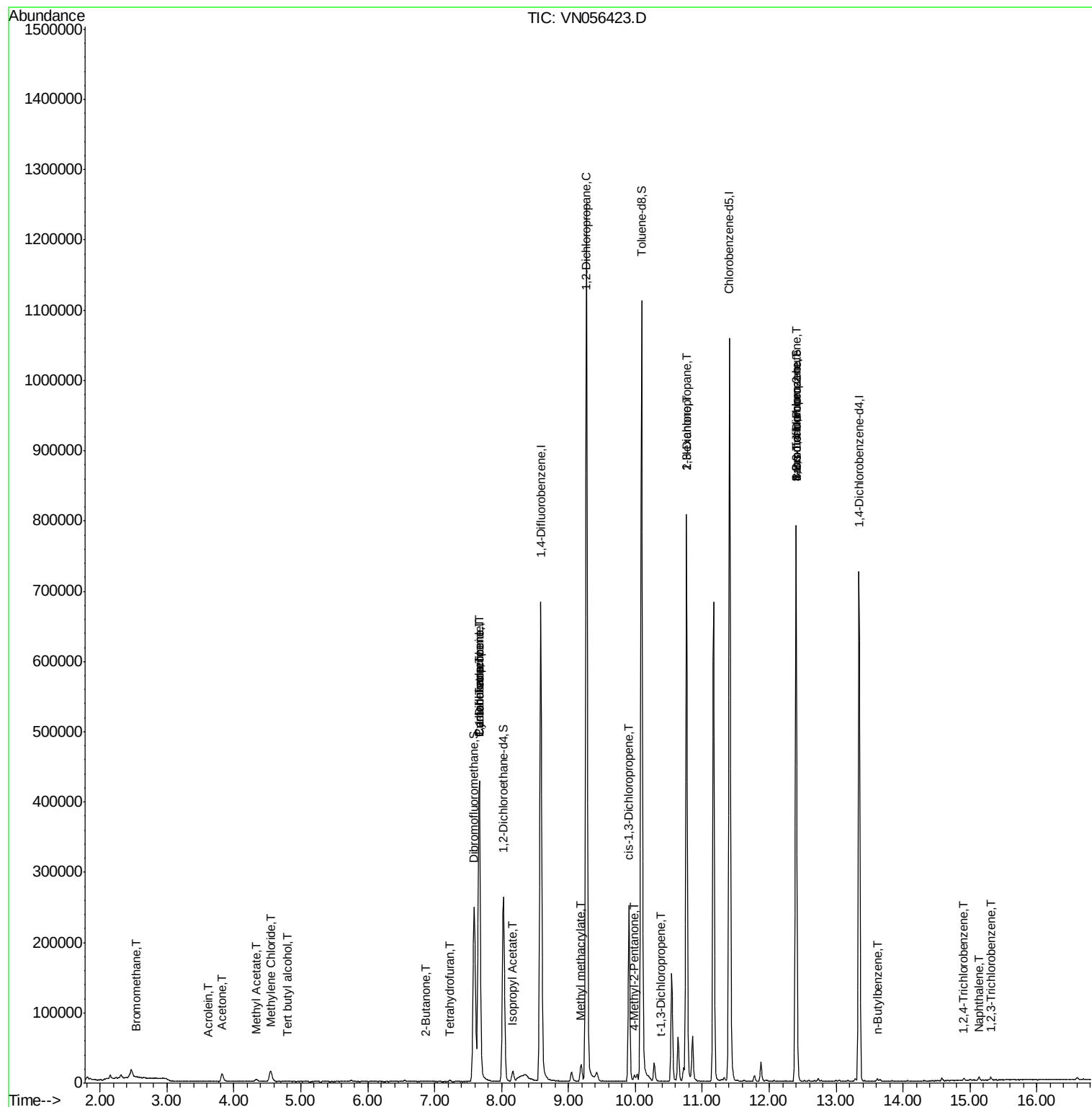
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.54	94	543	0.210	ug/l #	65
11) Tert butyl alcohol	4.80	59	906	1.228	ug/l #	74
13) Acrolein	3.61	56	145	0.233	ug/l #	14
16) Acetone	3.82	43	20787	9.473	ug/l	94
18) Methyl Acetate	4.33	43	7116	0.802	ug/l	94
20) Methylene Chloride	4.55	84	12324	2.127	ug/l	94
25) 2-Butanone	6.86	43	2898	0.998	ug/l #	85
29) Tetrahydrofuran	7.23	42	1293	0.729	ug/l #	71
31) Cyclohexane	7.66	56	6271	0.927	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	24928	4.274	ug/l #	49
38) Carbon Tetrachloride	7.66	117	34423	6.749	ug/l #	15
43) Isopropyl Acetate	8.17	43	17734	2.006	ug/l #	90
45) 1,2-Dichloropropane	9.27	63	1525	0.318	ug/l #	43
48) Methyl methacrylate	9.19	41	10452	2.360	ug/l #	21
51) 4-Methyl-2-Pentanone	9.99	43	5528	0.969	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	95	2.906	ug/l #	43
54) cis-1,3-Dichloropropene	9.90	75	46287	7.219	ug/l #	63
57) 1,3-Dichloropropane	10.76	76	8263	1.116	ug/l #	42
59) 2-Hexanone	10.76	43	116458	27.776	ug/l #	52
71) Bromoform	12.40	173	1755	3.589	ug/l #	1
73) Isopropylbenzene	12.25	105	1055	Below Cal	#	71
76) 1,2,3-Trichloropropane	12.40	75	130832	30.133	ug/l #	100
79) 2-Chlorotoluene	12.68	91	1116	Below Cal		80
80) 1,3,5-Trimethylbenzene	12.73	105	2473	Below Cal		98
81) trans-1,4-Dichloro-2-buten	12.40	75	130832	107.097	ug/l #	8
83) tert-Butylbenzene	12.99	119	990	Below Cal	#	81
89) n-Butylbenzene	13.62	91	2464	0.225	ug/l	97
93) 1,2,4-Trichlorobenzene	14.91	180	1440	5.963	ug/l	90
94) Hexachlorobutadiene	15.01	225	643	Below Cal		85
95) Naphthalene	15.14	128	5148	5.726	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.31	180	1798	4.912	ug/l	97

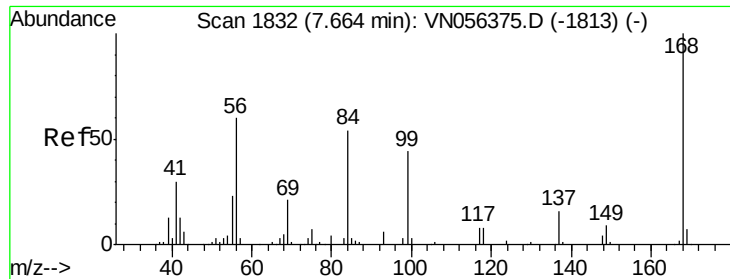
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 21 03:45:40 2019
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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: VN056423.D

Acq: 21 Jun 2019 14:06

Instrument :

MSVOA_N

ClientSampleId :

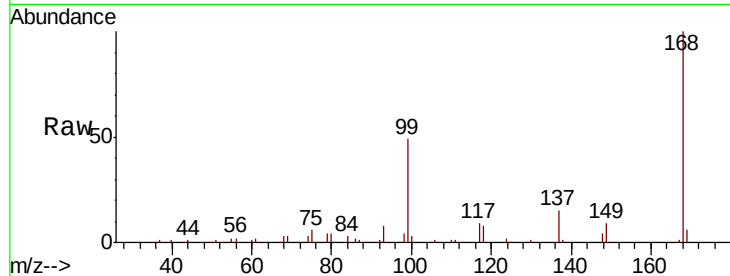
PB120805TB

Tot Ion:168 Resp: 395162

Ion Ratio Lower Upper

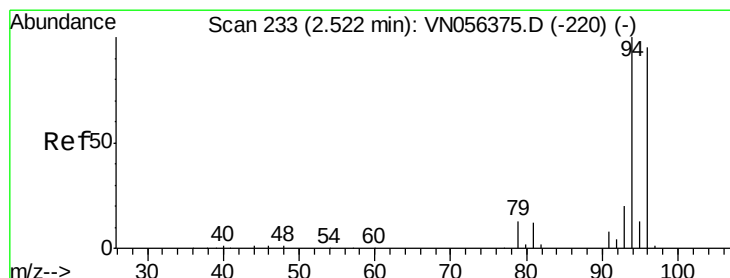
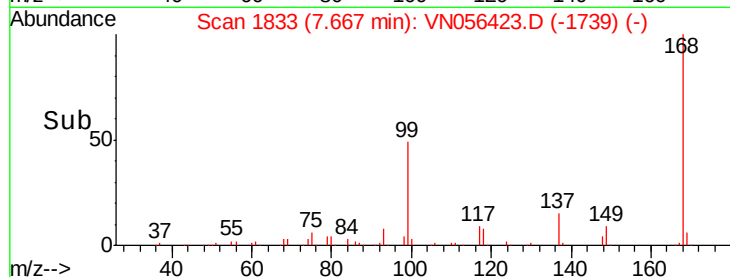
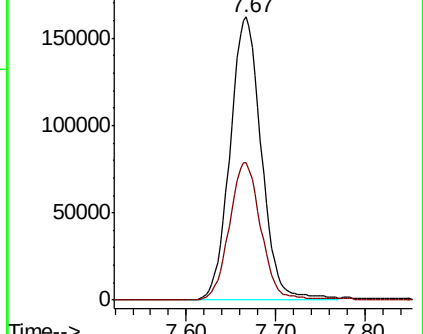
168 100

99 48.5 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#5

Bromomethane

Concen: 0.210 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.01 min

Lab File: VN056423.D

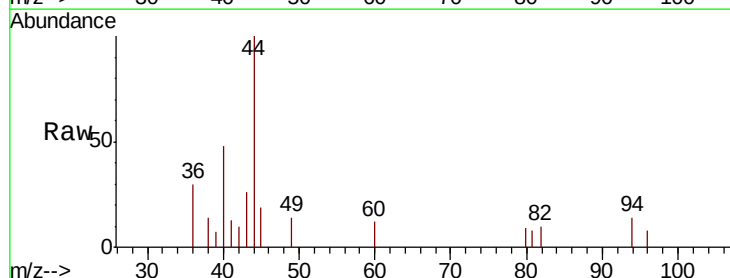
Acq: 21 Jun 2019 14:06

Tgt Ion: 94 Resp: 543

Ion Ratio Lower Upper

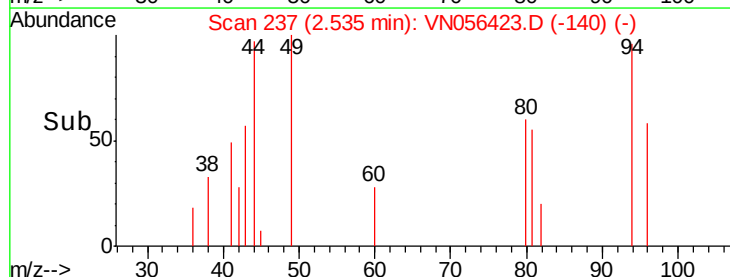
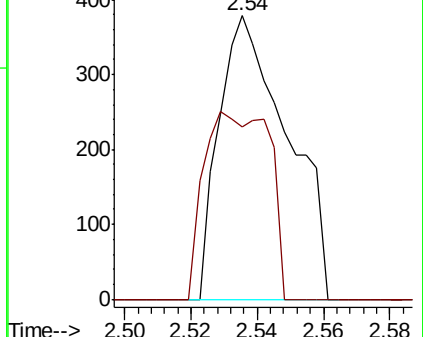
94 100

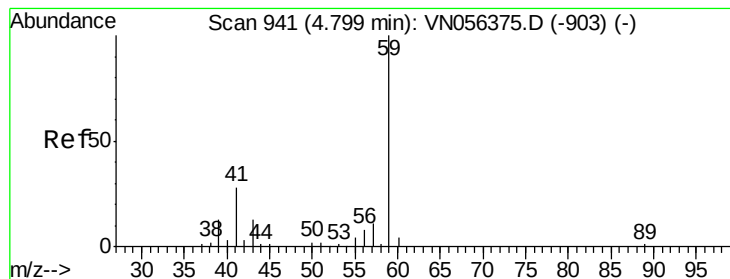
96 60.8 76.0 114.0#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



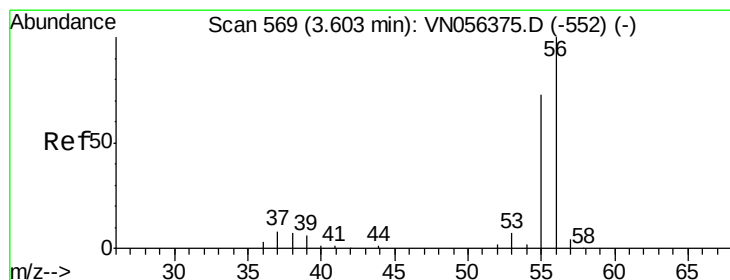
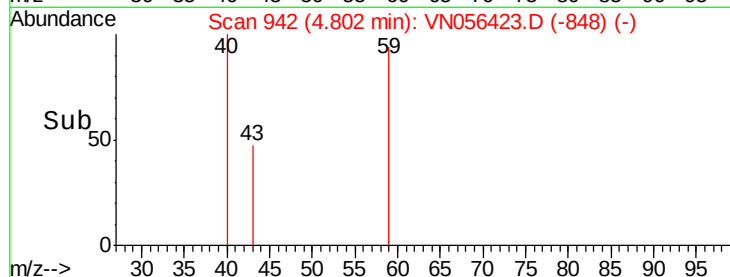
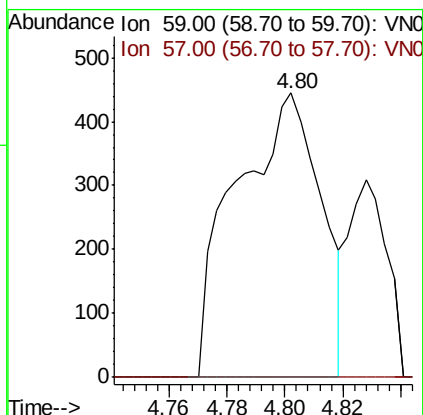
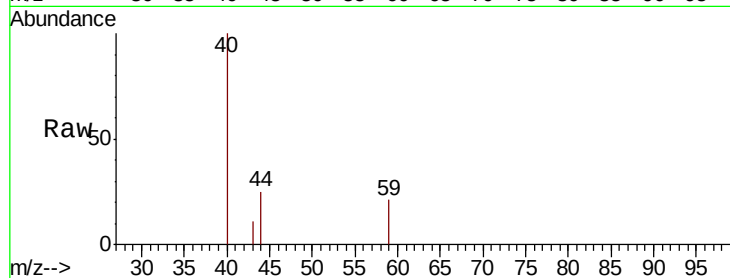


#11

Tert butyl alcohol
 Concen: 1.228 ug/l
 RT: 4.80 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VN056423.D
 Acq: 21 Jun 2019 14:06

Instrument :
 MSVOA_N
 ClientSampleID :
 PB120805TB

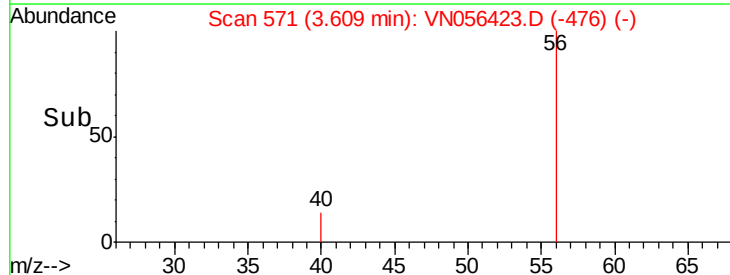
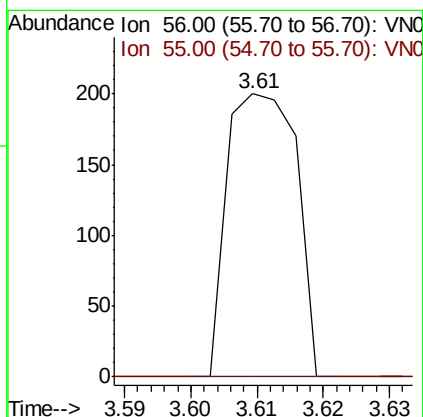
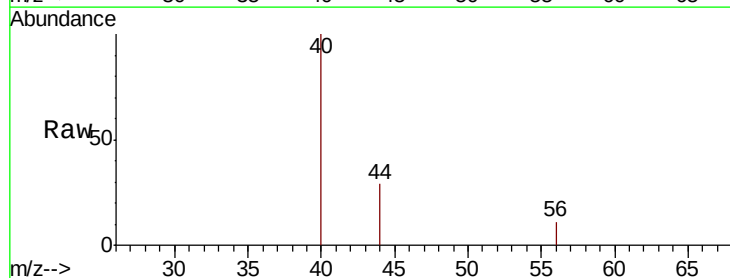
Tot Ion: 59 Resp: 906
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.6 11.4#

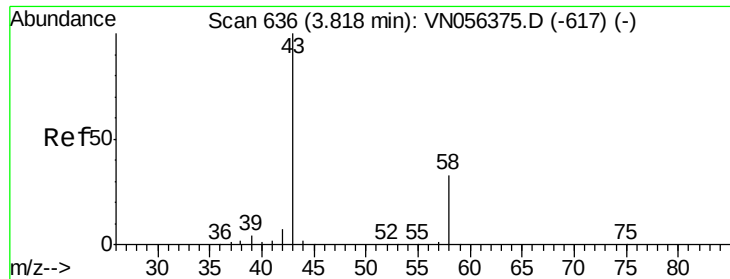


#13

Acrolein
 Concen: 0.233 ug/l
 RT: 3.61 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VN056423.D
 Acq: 21 Jun 2019 14:06

Tgt Ion: 56 Resp: 145
 Ion Ratio Lower Upper
 56 100
 55 0.0 57.1 85.7#





#16

Acetone

Concen: 9.473 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056423.D

Acq: 21 Jun 2019 14:06

Instrument :

MSVOA_N

ClientSampleId :

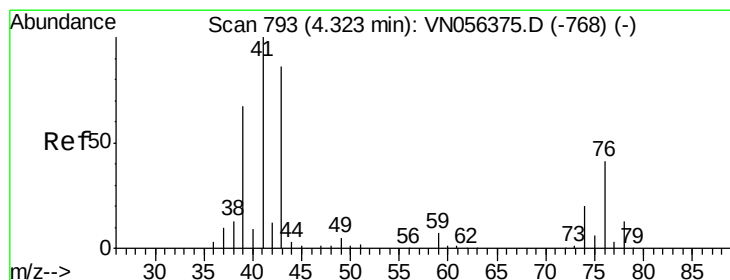
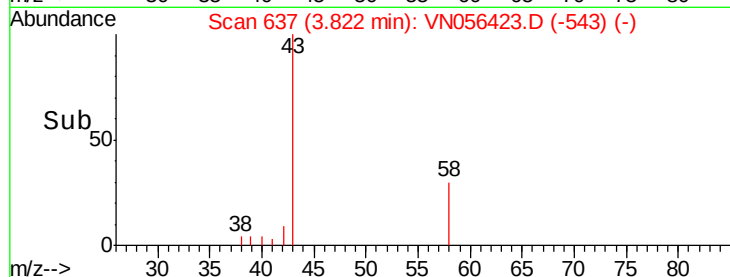
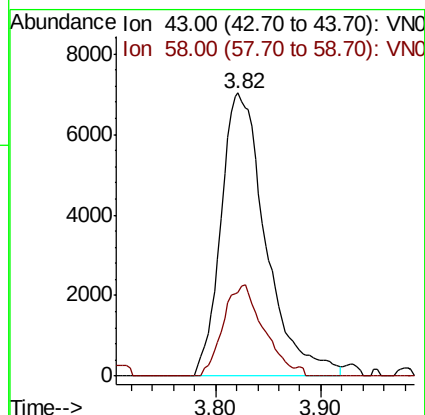
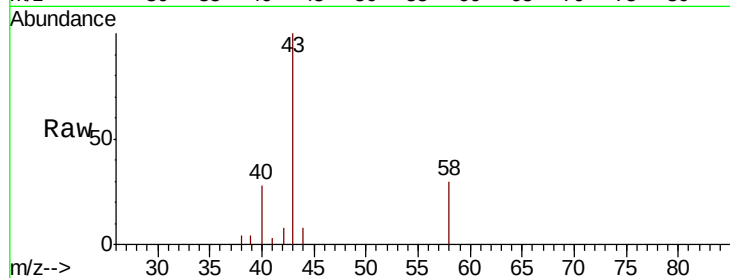
PB120805TB

Tot Ion: 43 Resp: 20787

Ion Ratio Lower Upper

43 100

58 29.7 26.4 39.6



#18

Methyl Acetate

Concen: 0.802 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN056423.D

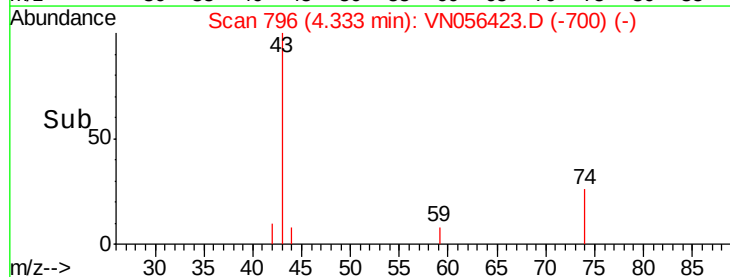
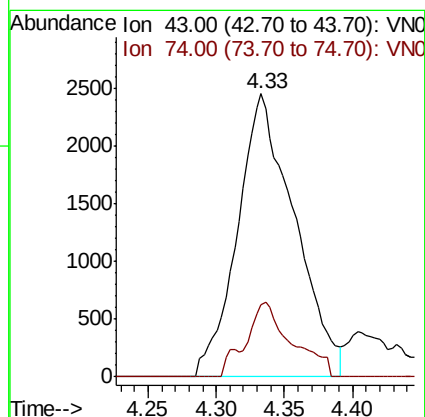
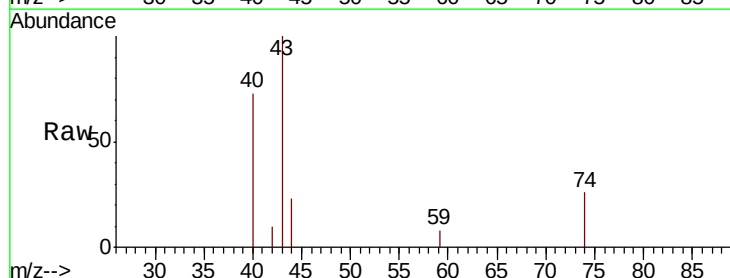
Acq: 21 Jun 2019 14:06

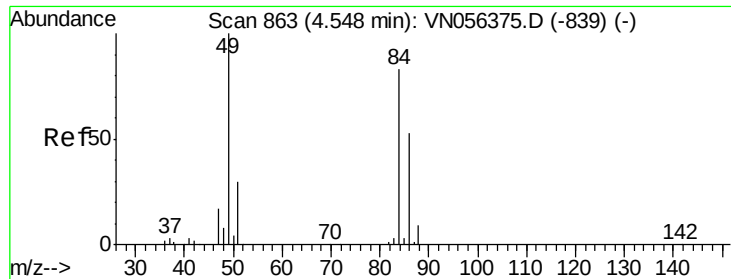
Tgt Ion: 43 Resp: 7116

Ion Ratio Lower Upper

43 100

74 21.2 19.2 28.8

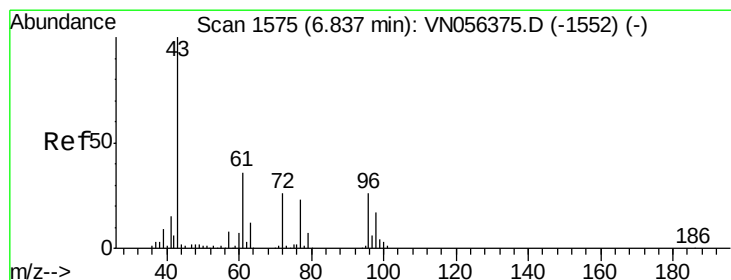
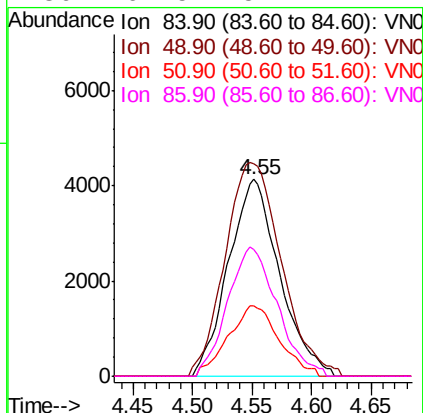
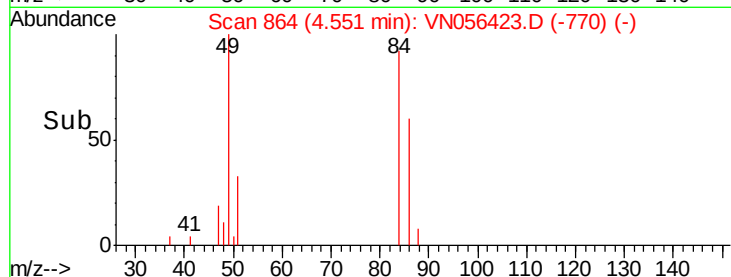
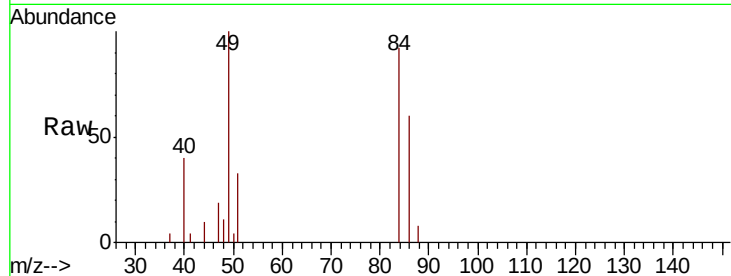




#20
Methvlene Chloride
Concen: 2.127 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN056423.D
Acq: 21 Jun 2019 14:06

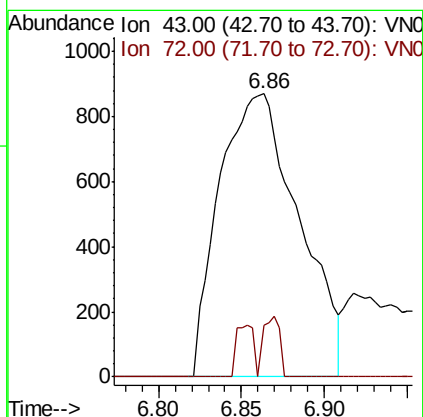
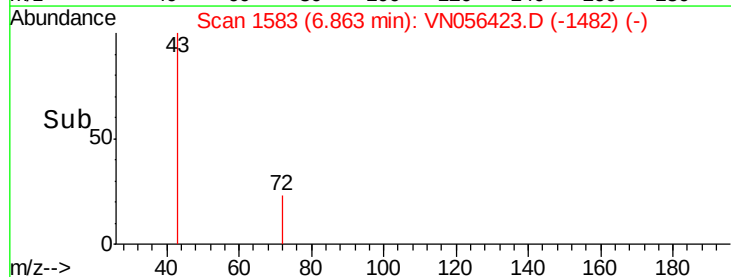
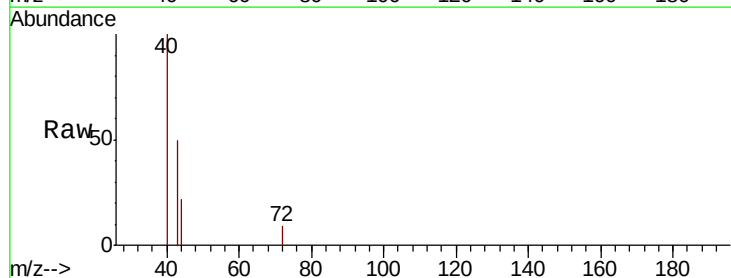
Instrument :
MSVOA_N
ClientSampled :
PB120805TB

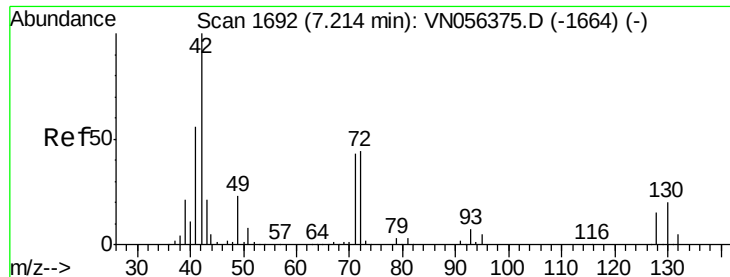
Tot Ion:	84	Resp:	12324
Ion	Ratio	Lower	Upper
84	100		
49	108.3	96.4	144.6
51	36.0	28.6	43.0
86	64.5	51.4	77.2



#25
2-Butanone
Concen: 0.998 ug/l
RT: 6.86 min Scan# 1583
Delta R.T. 0.03 min
Lab File: VN056423.D
Acq: 21 Jun 2019 14:06

Tgt Ion:	43	Resp:	2898
Ion	Ratio	Lower	Upper
43	100		
72	18.3	20.6	31.0#





#29

Tetrahydrofuran

Concen: 0.729 ug/l

RT: 7.23 min Scan# 1696

Delta R.T. 0.01 min

Lab File: VN056423.D

Acq: 21 Jun 2019 14:06

Instrument :

MSVOA_N

ClientSampleId :

PB120805TB

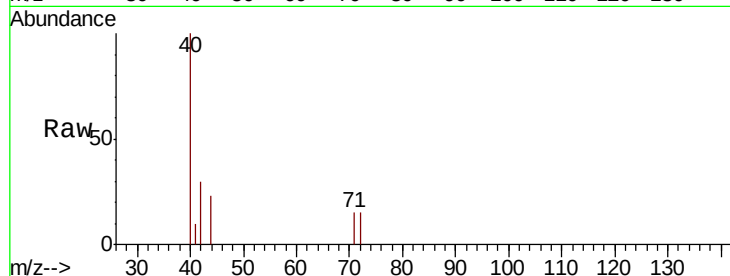
Tot Ion: 42 Resp: 1293

Ion Ratio Lower Upper

42 100

72 20.0 34.7 52.1#

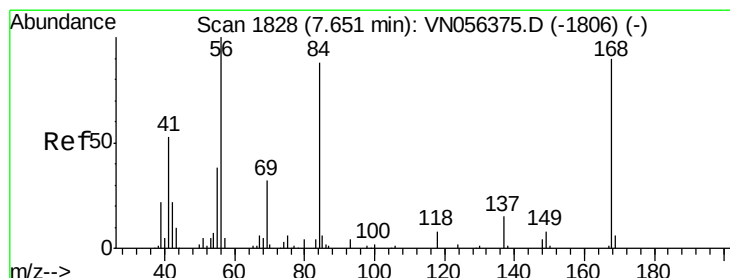
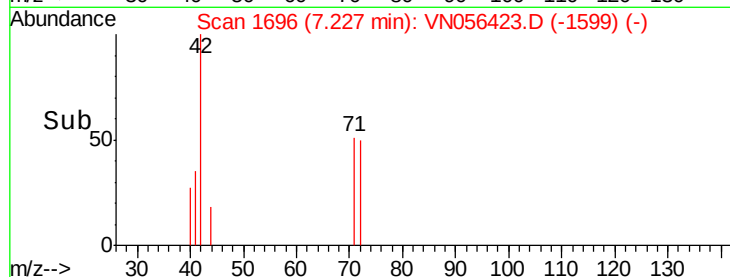
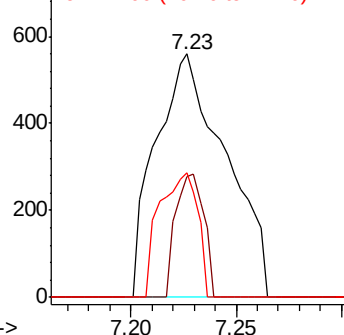
71 27.5 33.0 49.6#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 0.927 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN056423.D

Acq: 21 Jun 2019 14:06

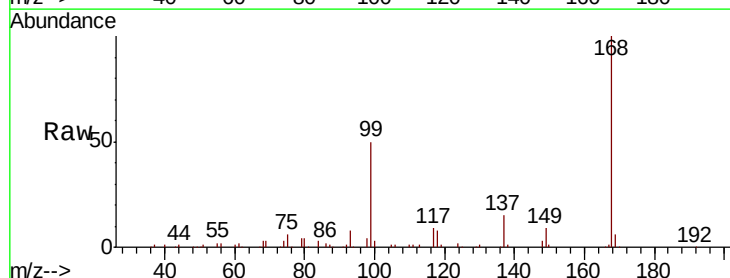
Tgt Ion: 56 Resp: 6271

Ion Ratio Lower Upper

56 100

69 170.8 25.8 38.6#

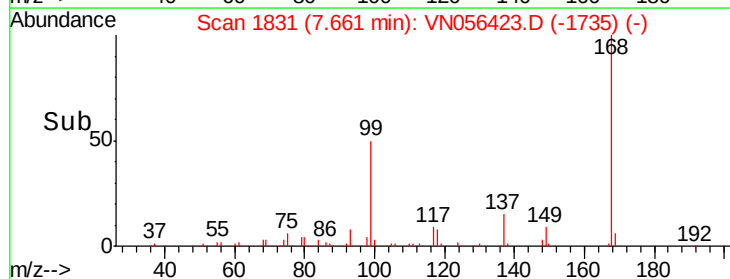
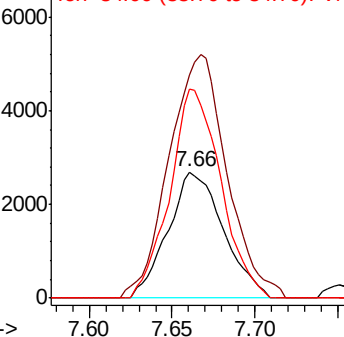
84 166.0 69.4 104.0#

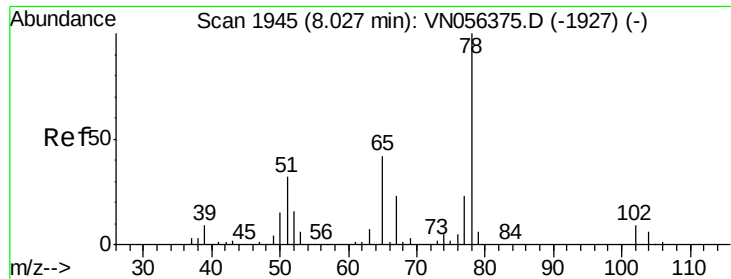


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

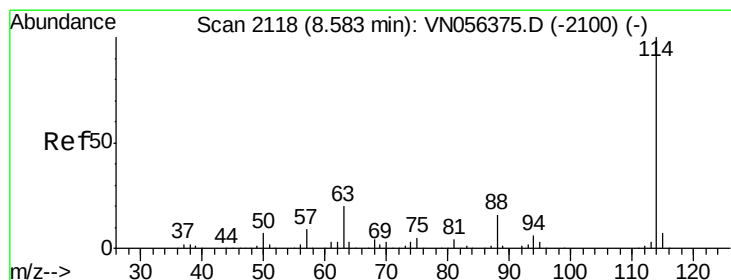
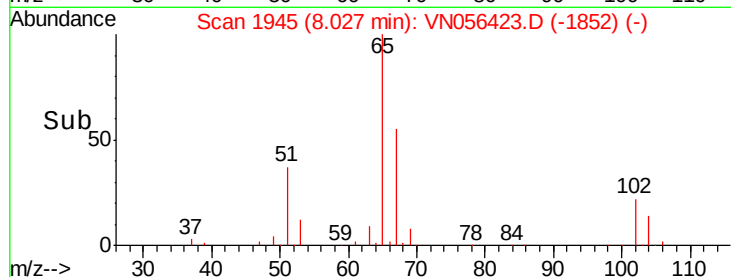
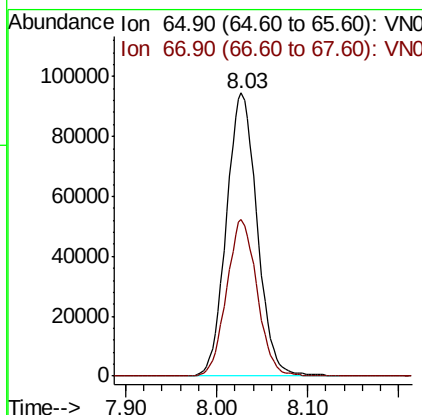
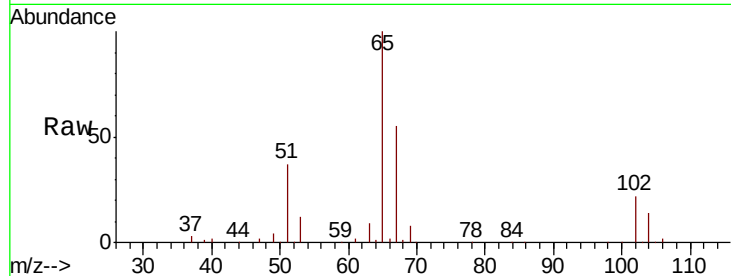




#33
 1,2-Dichloroethane-d4
 Concen: 50.666 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056423.D
 Acq: 21 Jun 2019 14:06

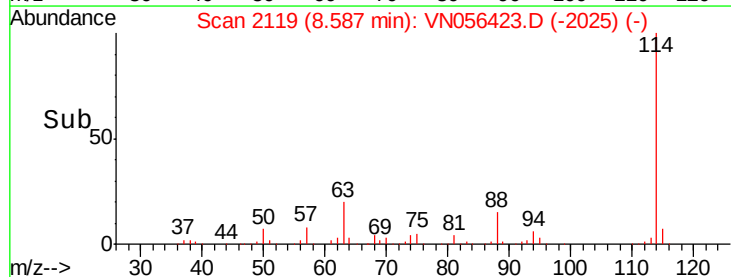
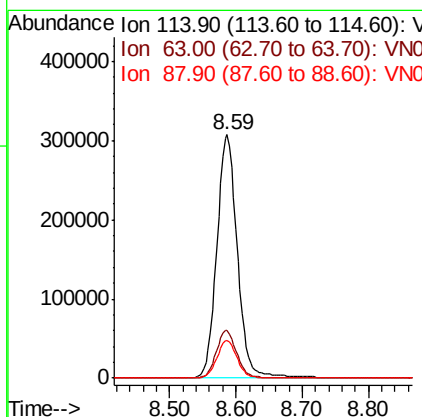
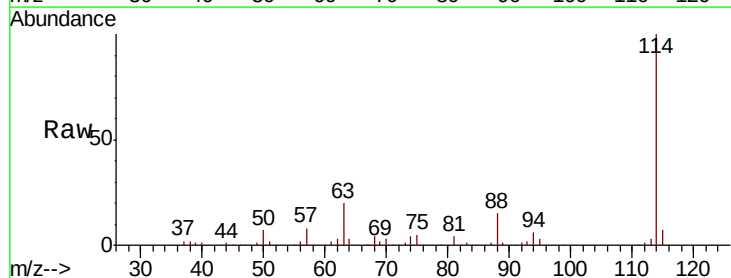
Instrument :
 MSVOA_N
 ClientSampleId :
 PB120805TB

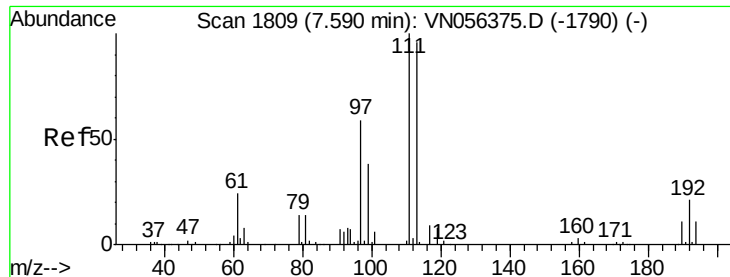
Tot Ion: 65 Resp: 221898
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056423.D
 Acq: 21 Jun 2019 14:06

Tgt Ion: 114 Resp: 662667
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.2
 88 15.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 46.575 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056423.D

Acq: 21 Jun 2019 14:06

Instrument :

MSVOA_N

ClientSampleId :

PB120805TB

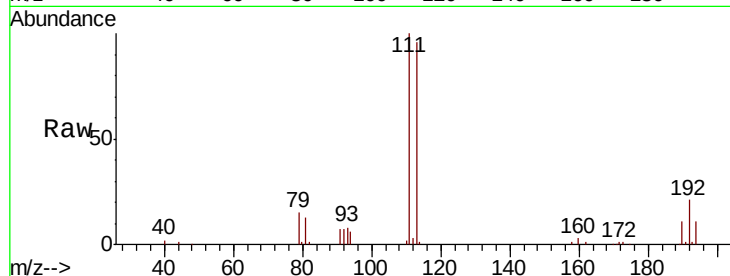
Tot Ion:113 Resp: 192538

Ion Ratio Lower Upper

113 100

111 102.7 82.9 124.3

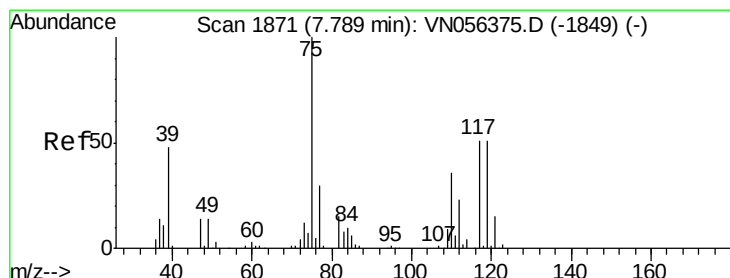
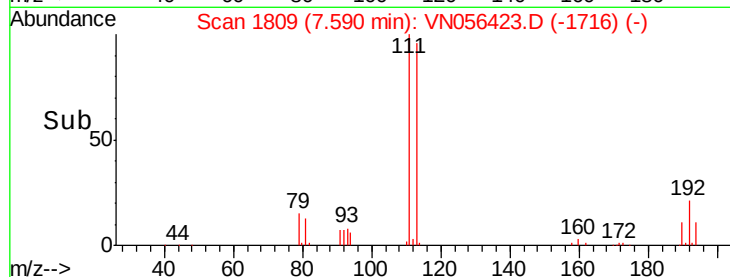
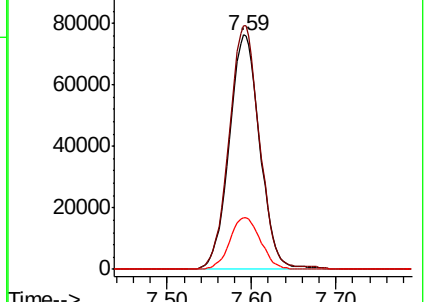
192 22.2 17.7 26.5



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: 4.274 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.12 min

Lab File: VN056423.D

Acq: 21 Jun 2019 14:06

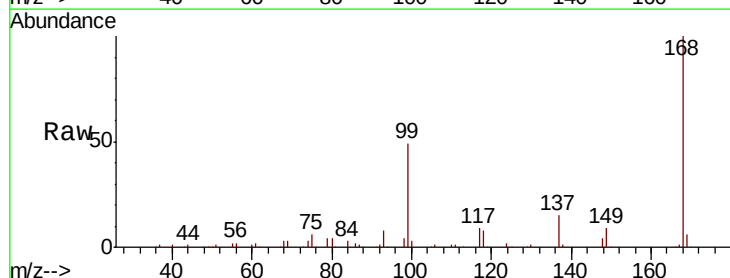
Tgt Ion: 75 Resp: 24928

Ion Ratio Lower Upper

75 100

110 8.2 18.1 54.3#

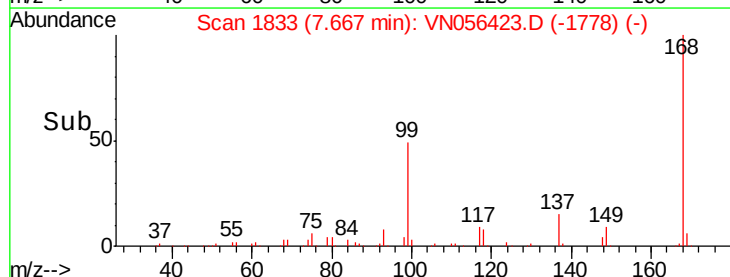
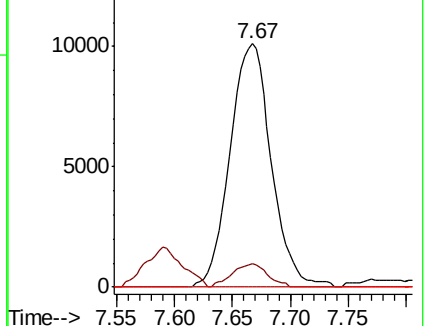
77 0.0 24.6 36.8#

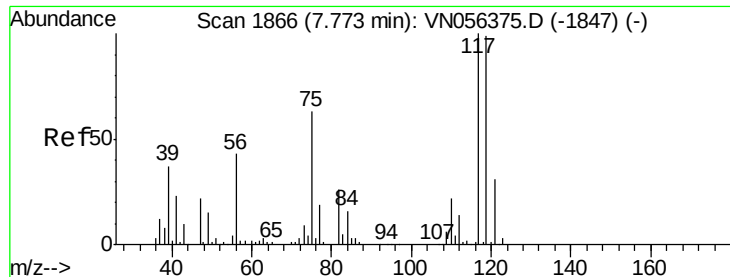


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.749 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN056423.D

Acq: 21 Jun 2019 14:06

Instrument :

MSVOA_N

ClientSampled :

PB120805TB

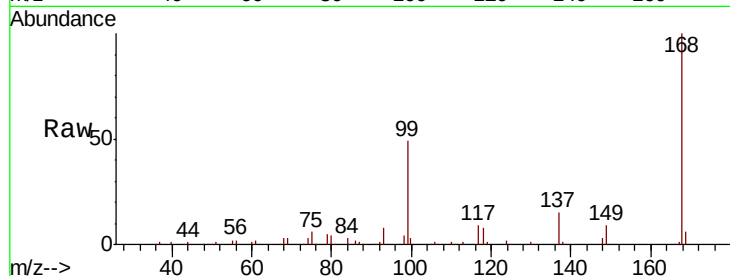
Tot Ion:117 Resp: 34423

Ion Ratio Lower Upper

117 100

119 6.1 79.1 118.7#

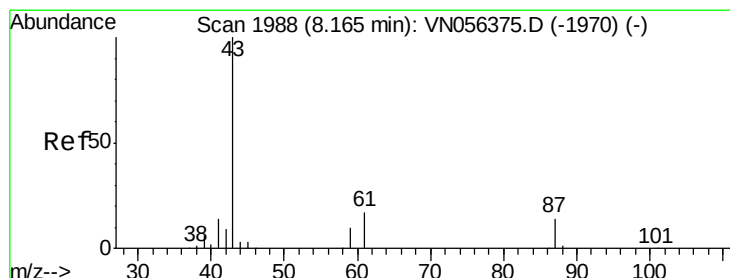
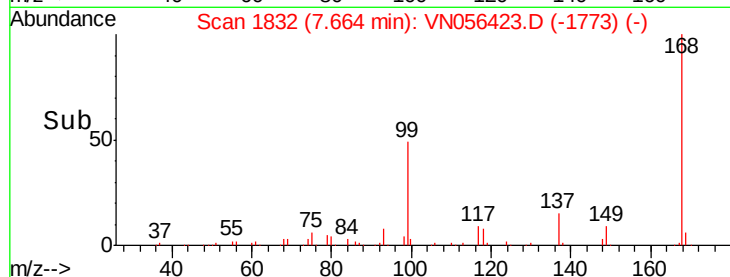
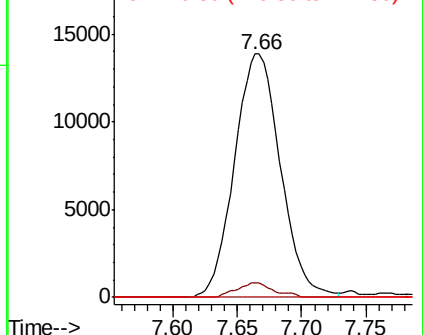
121 0.0 24.8 37.2#



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: 2.006 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056423.D

Acq: 21 Jun 2019 14:06

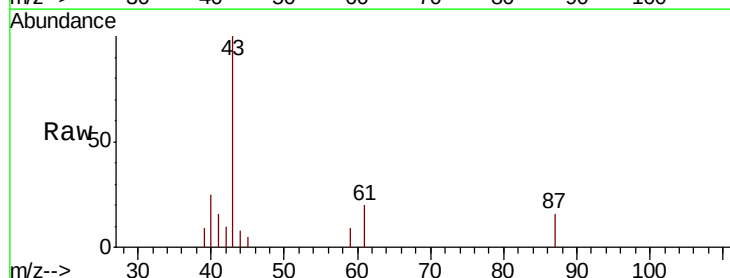
Tgt Ion: 43 Resp: 17734

Ion Ratio Lower Upper

43 100

61 19.8 22.0 33.0#

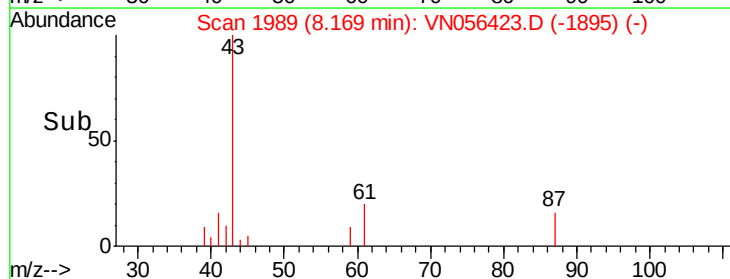
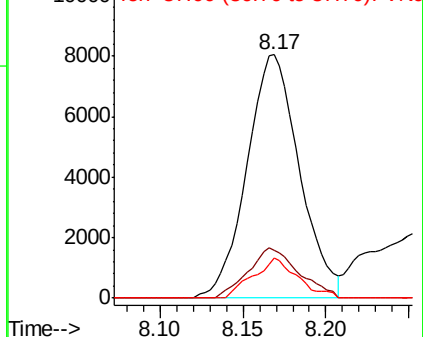
87 14.0 11.0 16.4

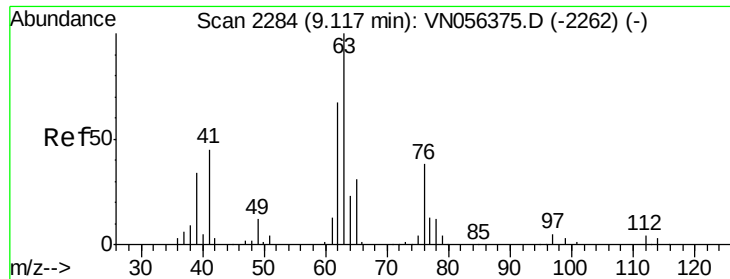


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

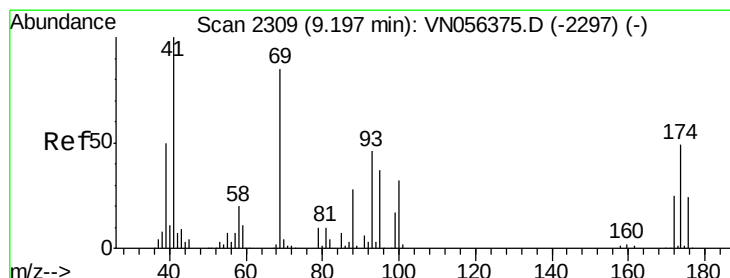
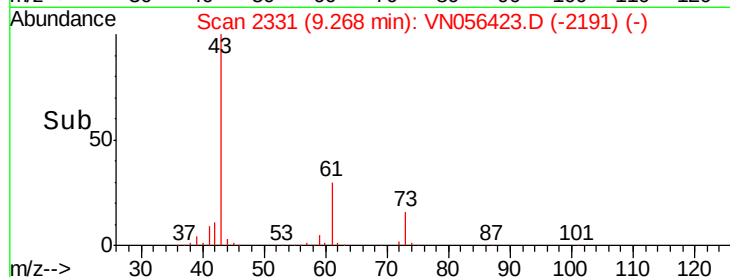
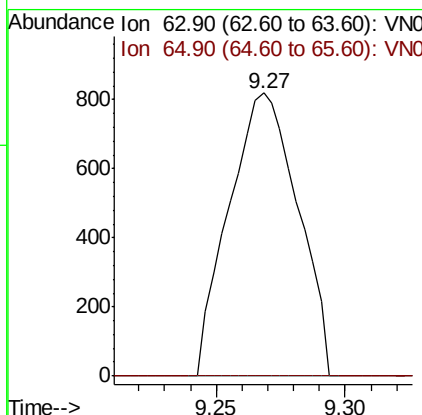
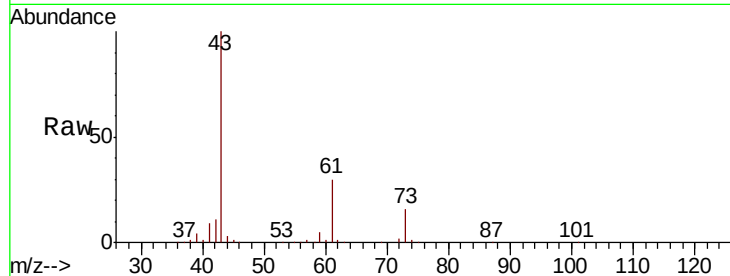




#45
 1,2-Dichloropropane
 Concen: 0.318 ug/l
 RT: 9.27 min Scan# 2331
 Delta R.T. 0.15 min
 Lab File: VN056423.D
 Acq: 21 Jun 2019 14:06

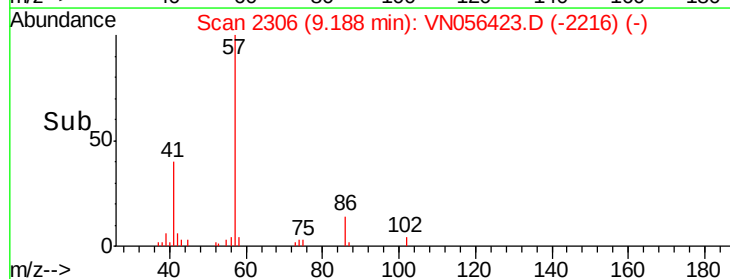
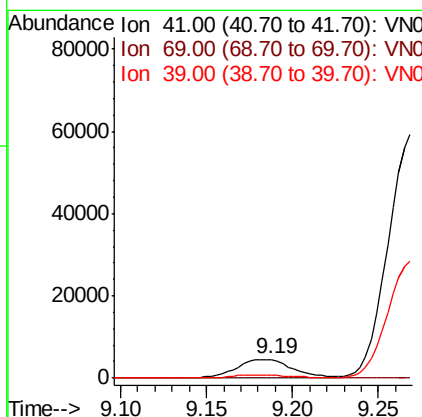
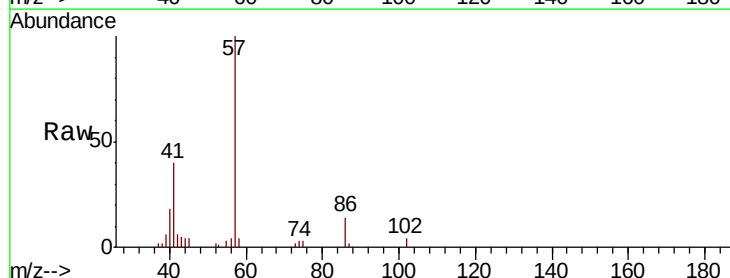
Instrument :
 MSVOA_N
 ClientSampleId :
 PB120805TB

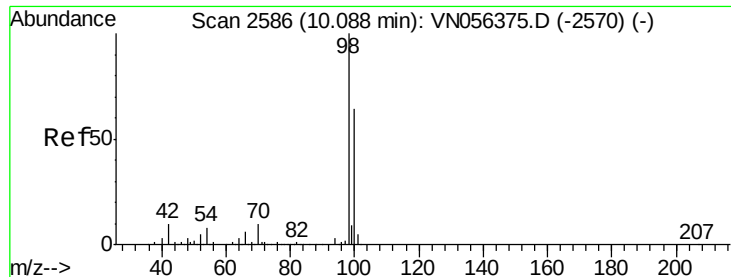
Tot Ion: 63 Resp: 1525
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.0 37.6#



#48
 Methyl methacrylate
 Concen: 2.360 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.01 min
 Lab File: VN056423.D
 Acq: 21 Jun 2019 14:06

Tgt Ion: 41 Resp: 10452
 Ion Ratio Lower Upper
 41 100
 69 0.0 72.6 109.0#
 39 17.1 42.6 63.8#





#50

Toluene-d8

Concen: 51.736 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056423.D

Acq: 21 Jun 2019 14:06

Instrument :

MSVOA_N

ClientSampleId :

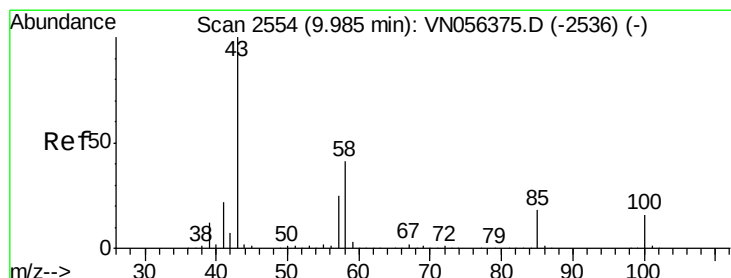
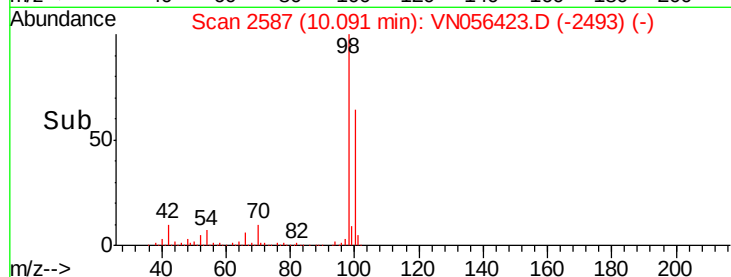
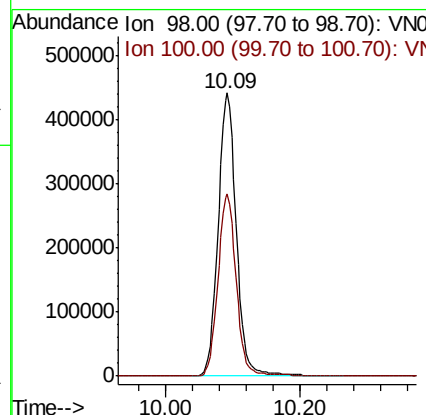
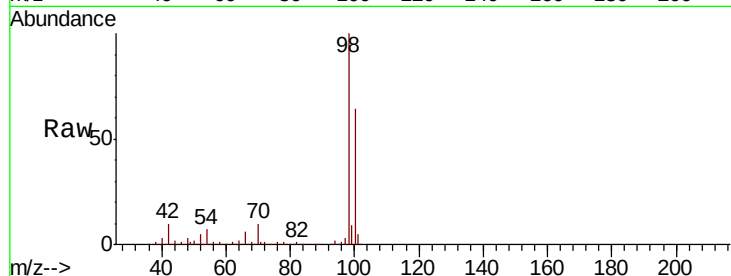
PB120805TB

Tot Ion: 98 Resp: 832195

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.2



#51

4-Methyl-2-Pentanone

Concen: 0.969 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056423.D

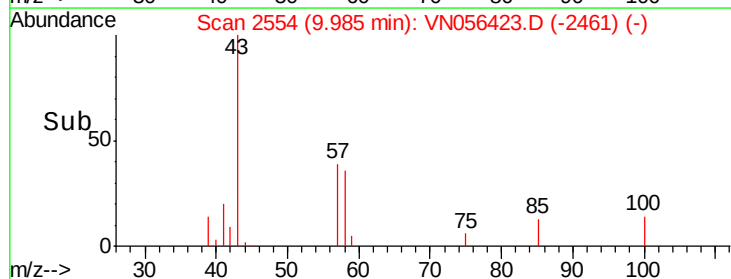
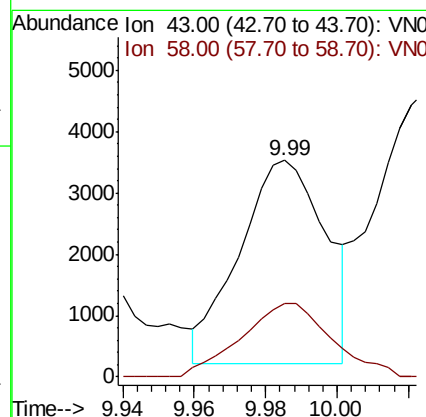
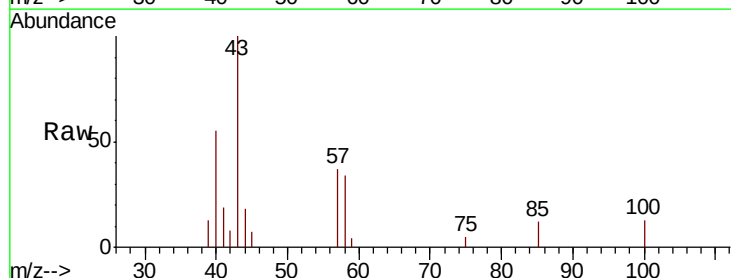
Acq: 21 Jun 2019 14:06

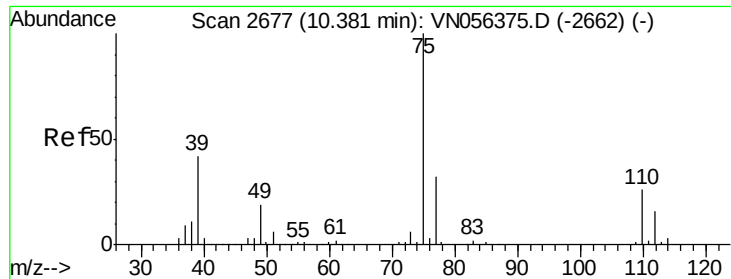
Tgt Ion: 43 Resp: 5528

Ion Ratio Lower Upper

43 100

58 38.0 31.8 47.8





#53

t-1,3-Dichloropropene

Concen: 2.906 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN056423.D

Acq: 21 Jun 2019 14:06

Instrument :

MSVOA_N

ClientSampleId :

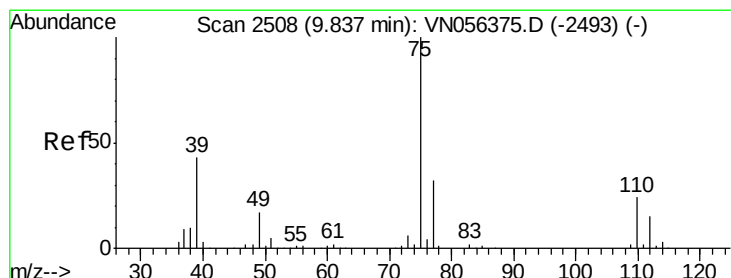
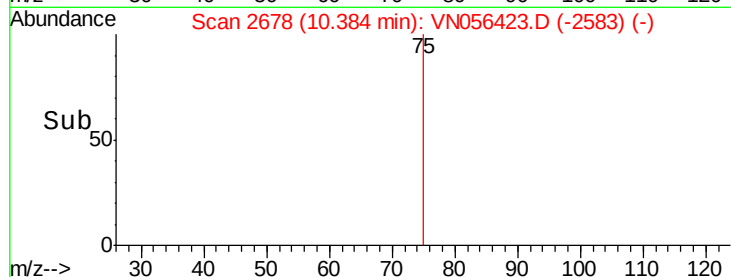
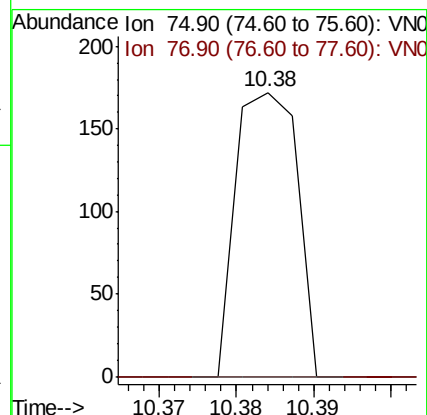
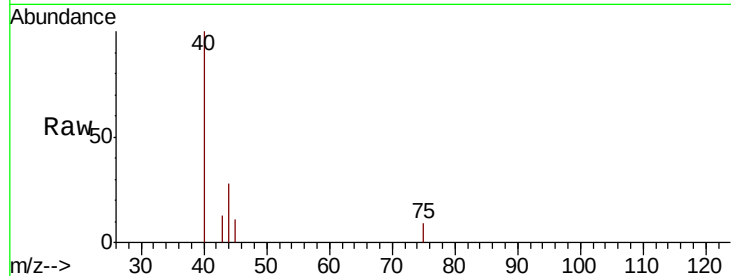
PB120805TB

Tot Ion: 75 Resp: 95

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.2#



#54

cis-1,3-Dichloropropene

Concen: 7.219 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN056423.D

Acq: 21 Jun 2019 14:06

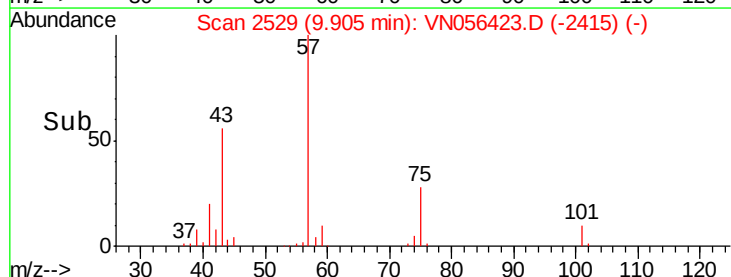
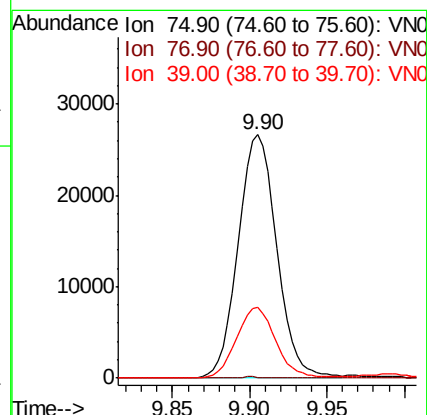
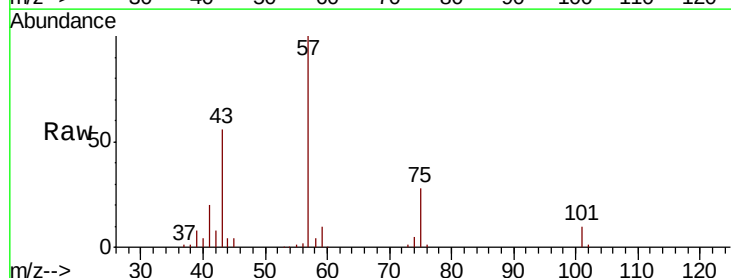
Tgt Ion: 75 Resp: 46287

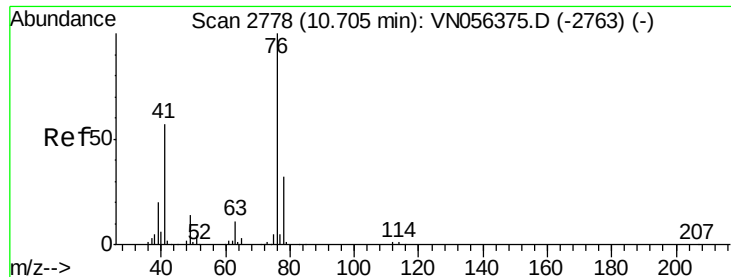
Ion Ratio Lower Upper

75 100

77 0.0 25.2 37.8#

39 28.9 34.2 51.4#





#57

1,3-Dichloropropane

Concen: 1.116 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN056423.D

Acq: 21 Jun 2019 14:06

Instrument :

MSVOA_N

ClientSampled :

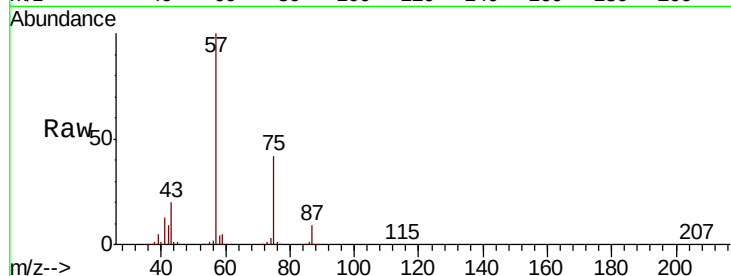
PB120805TB

Tot Ion: 76 Resp: 8263

Ion Ratio Lower Upper

76 100

78 0.0 25.9 38.9#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

6000

5000

4000

3000

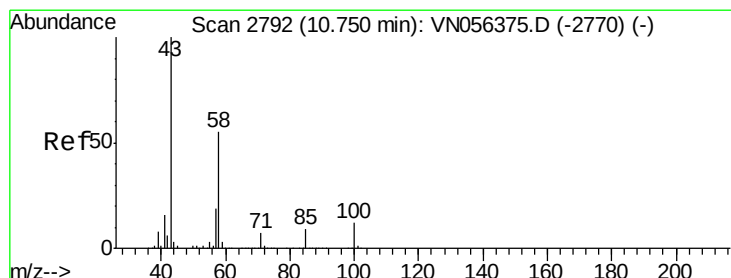
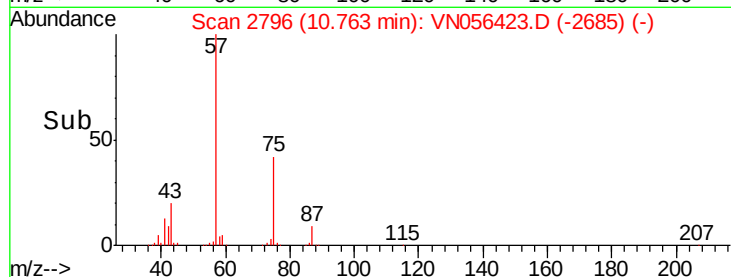
2000

1000

0

10.70 10.75 10.80

Time-->



#59

2-Hexanone

Concen: 27.776 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN056423.D

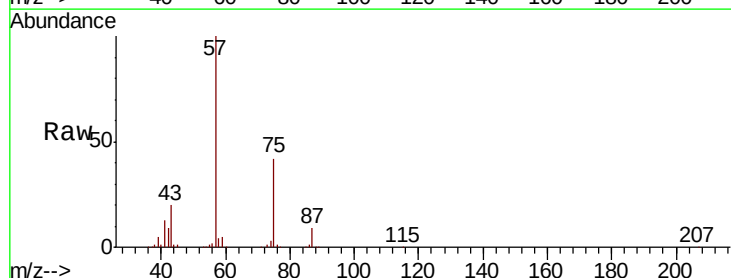
Acq: 21 Jun 2019 14:06

Tgt Ion: 43 Resp: 116458

Ion Ratio Lower Upper

43 100

58 20.9 27.8 83.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

80000

60000

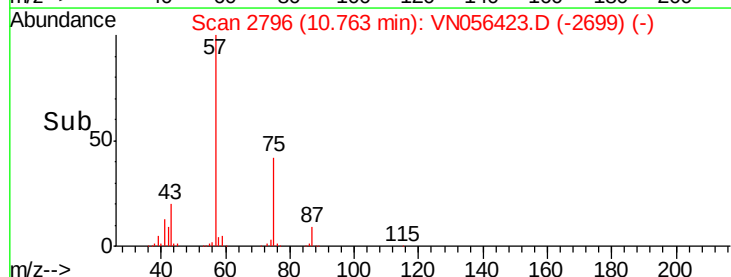
40000

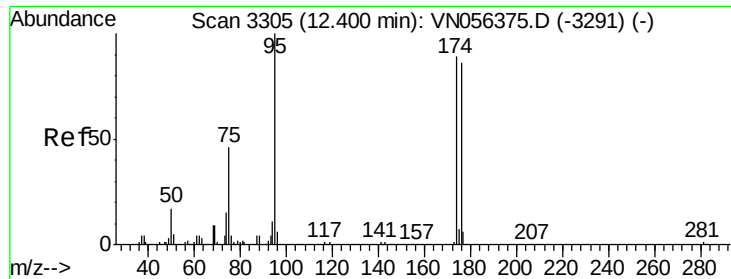
20000

0

10.70 10.75 10.80

Time-->

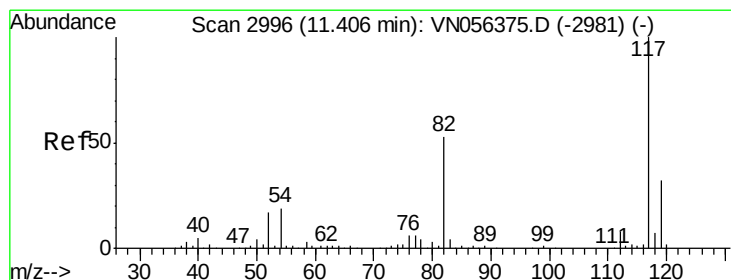
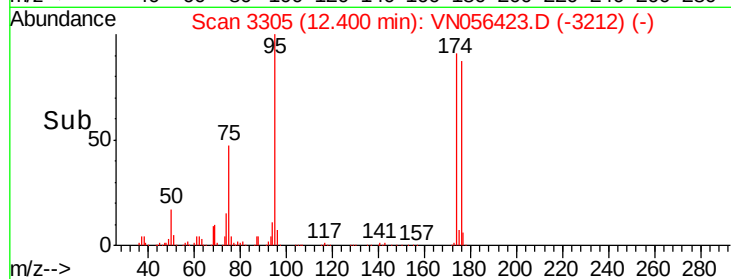
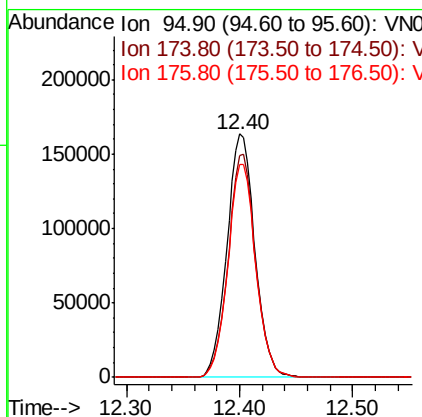
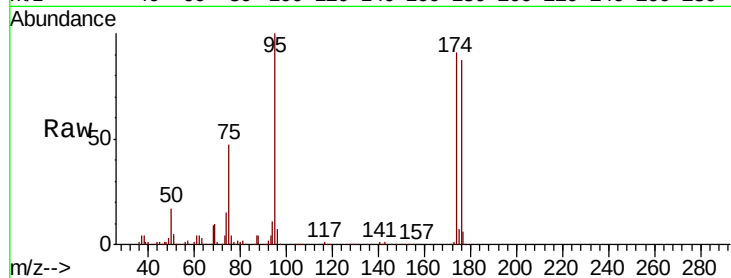




#62
4-Bromofluorobenzene
Concen: 52.287 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056423.D
Acq: 21 Jun 2019 14:06

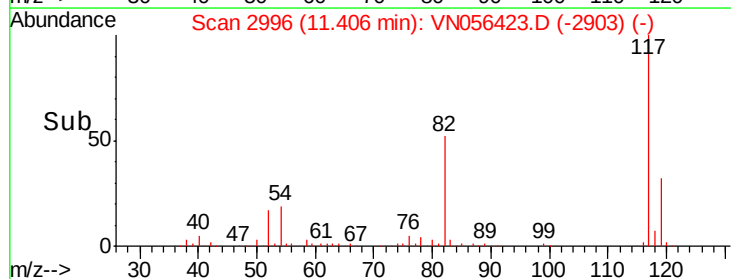
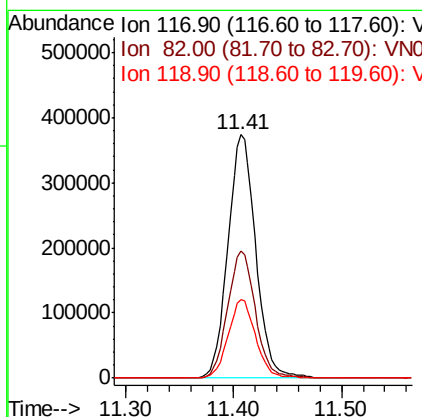
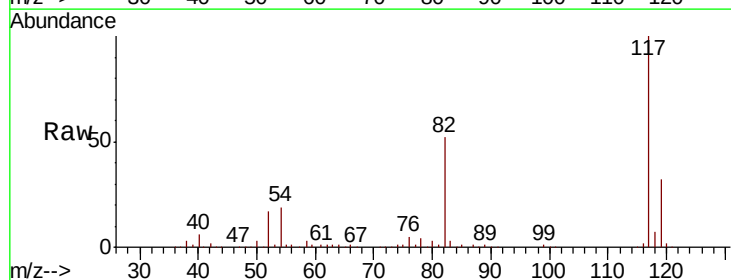
Instrument :
MSVOA_N
ClientSampleId :
PB120805TB

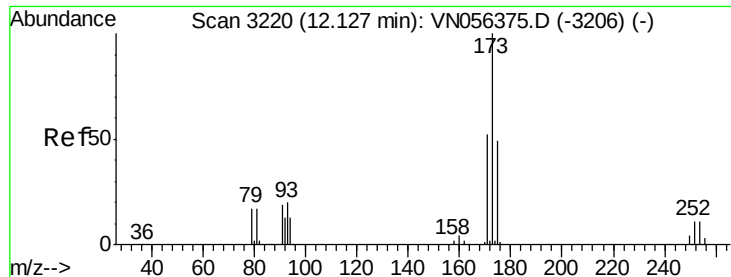
Tot Ion: 95 Resp: 280377
Ion Ratio Lower Upper
95 100
174 89.7 0.0 179.4
176 87.3 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056423.D
Acq: 21 Jun 2019 14:06

Tgt Ion: 117 Resp: 671792
Ion Ratio Lower Upper
117 100
82 52.3 42.0 63.0
119 32.5 25.3 37.9





#71

Bromoform

Concen: 3.589 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN056423.D

Acq: 21 Jun 2019 14:06

Instrument :

MSVOA_N

ClientSampled :

PB120805TB

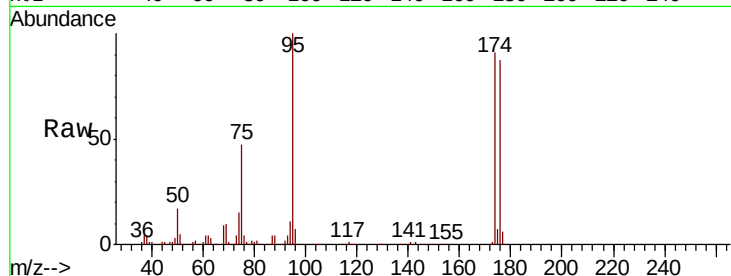
Tot Ion:173 Resp: 1755

Ion Ratio Lower Upper

173 100

175 955.0 24.4 73.4#

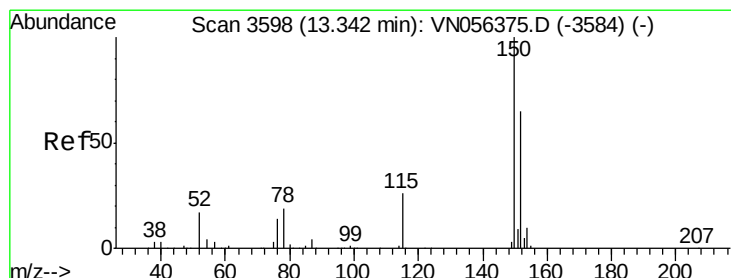
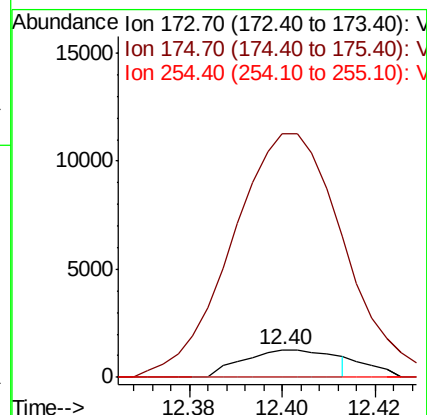
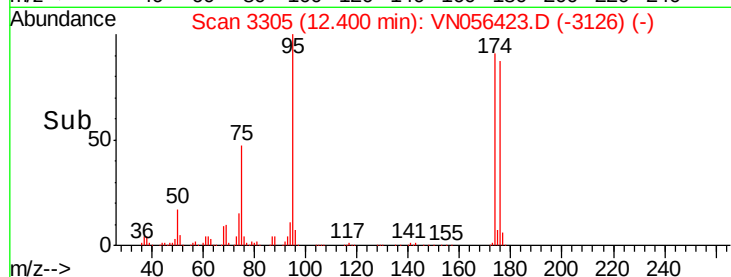
254 0.0 0.0 0.0



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: VN056423.D

Acq: 21 Jun 2019 14:06

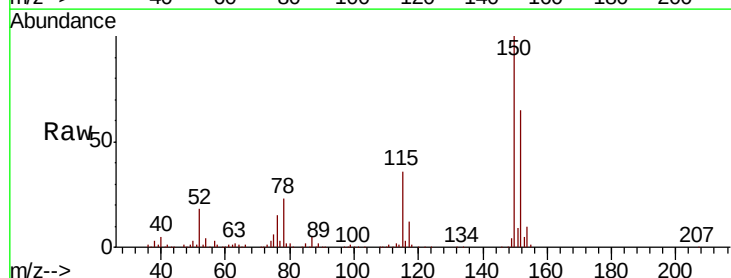
Tgt Ion:152 Resp: 209394

Ion Ratio Lower Upper

152 100

115 56.0 28.1 84.4

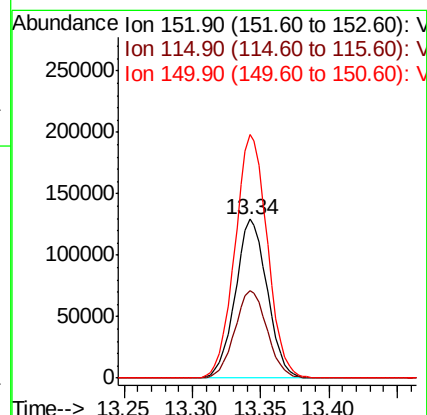
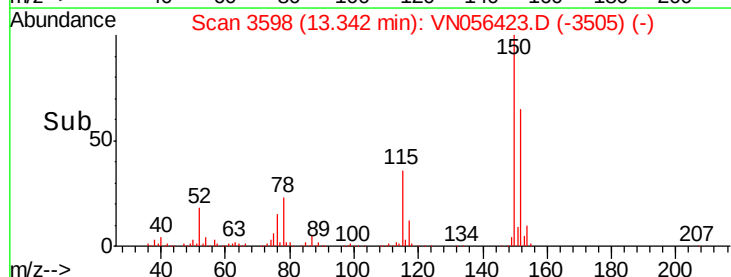
150 156.2 0.0 348.4

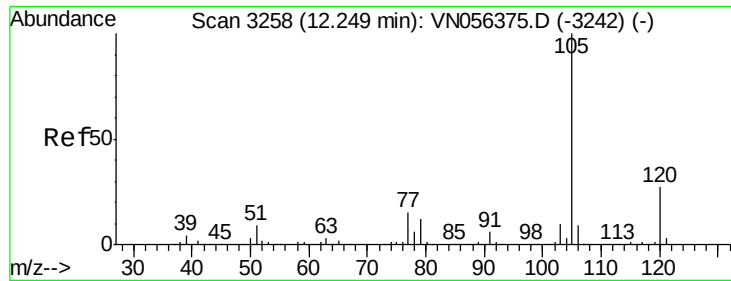


Abundance Ion 151.90 (151.60 to 152.60): V

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: VN056423.D

Acq: 21 Jun 2019 14:06

Instrument :

MSVOA_N

ClientSampled :

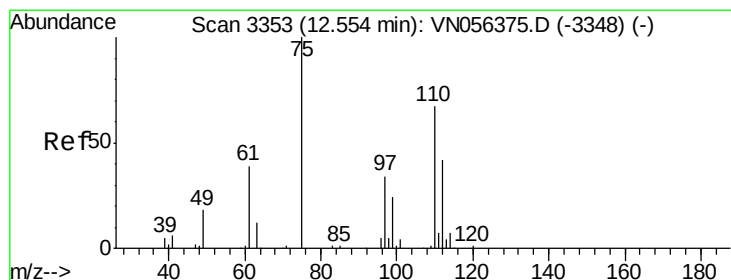
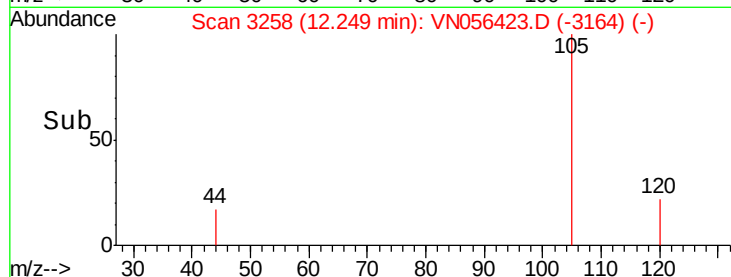
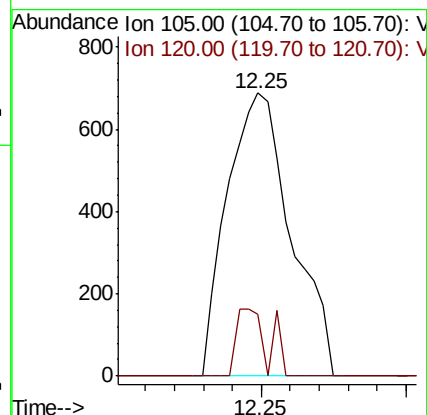
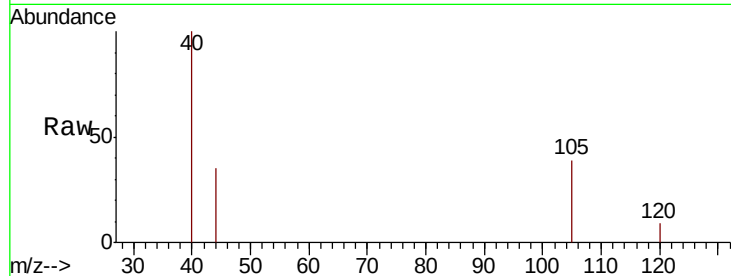
PB120805TB

Tot Ion:105 Resp: 1055

Ion Ratio Lower Upper

105 100

120 11.7 13.4 40.2#



#76

1,2,3-Trichloropropane

Concen: 30.133 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056423.D

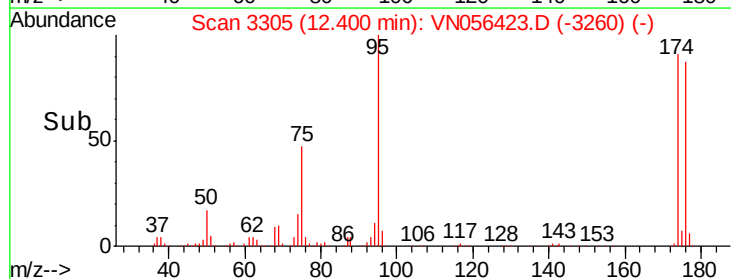
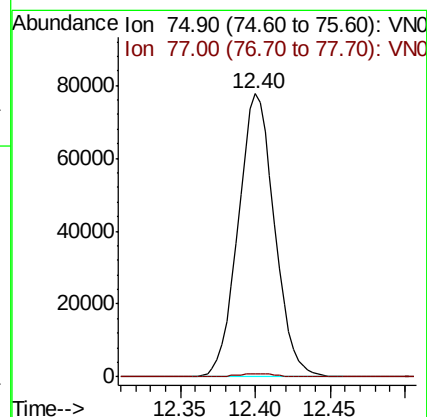
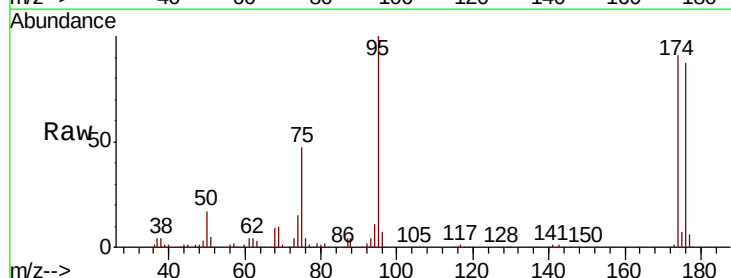
Acq: 21 Jun 2019 14:06

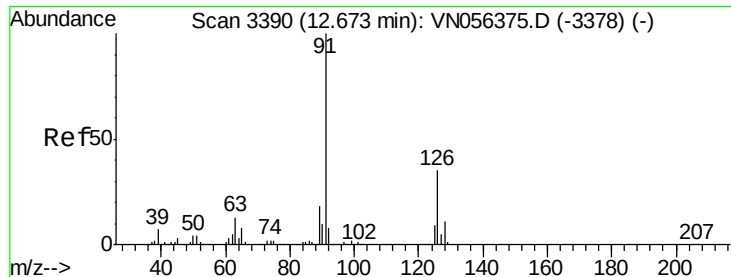
Tgt Ion: 75 Resp: 130832

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN056423.D

Acq: 21 Jun 2019 14:06

Instrument :

MSVOA_N

ClientSampled :

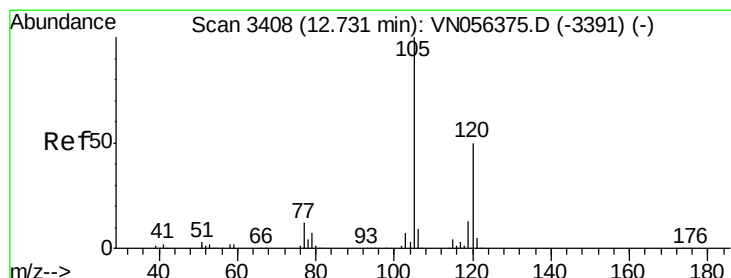
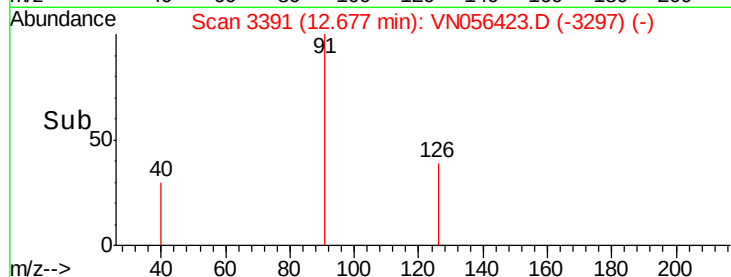
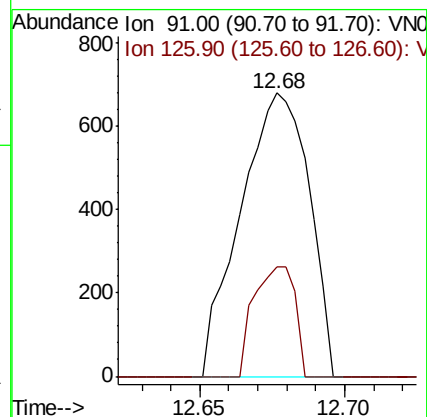
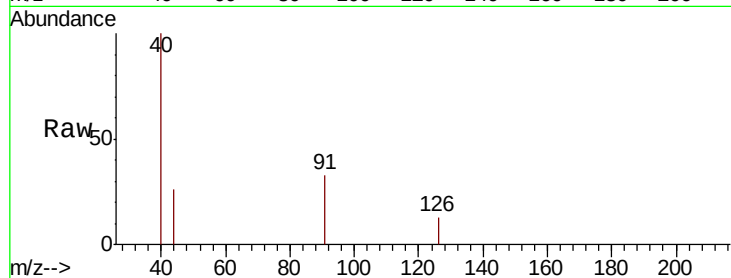
PB120805TB

Tot Ion: 91 Resp: 1116

Ion Ratio Lower Upper

91 100

126 23.3 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN056423.D

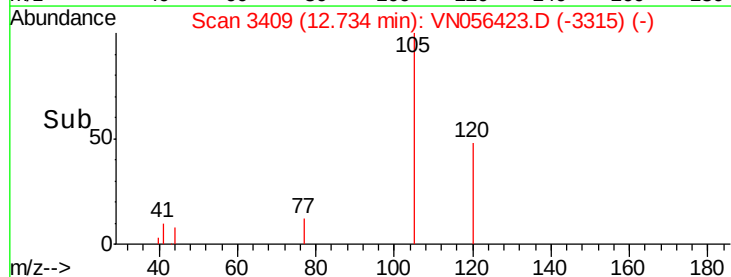
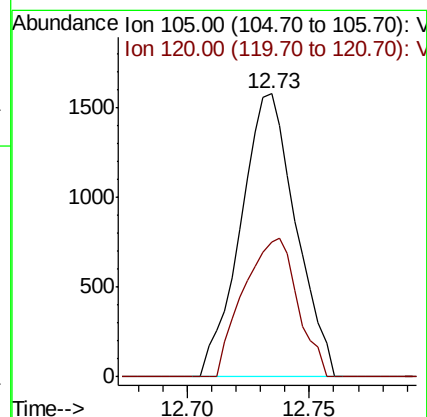
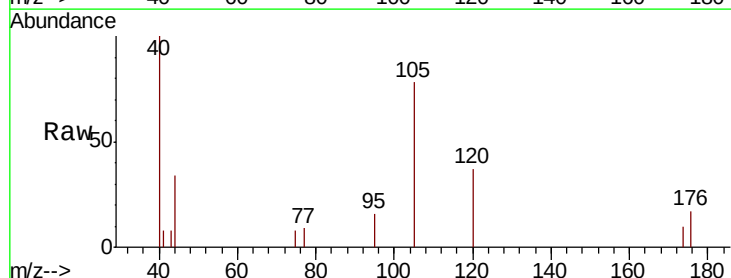
Acq: 21 Jun 2019 14:06

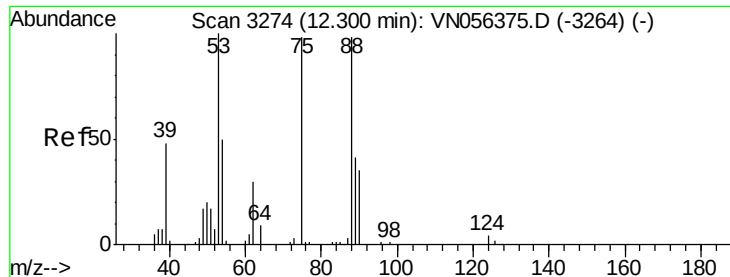
Tgt Ion: 105 Resp: 2473

Ion Ratio Lower Upper

105 100

120 48.0 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 107.097 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056423.D

Acq: 21 Jun 2019 14:06

Instrument :

MSVOA_N

ClientSampled :

PB120805TB

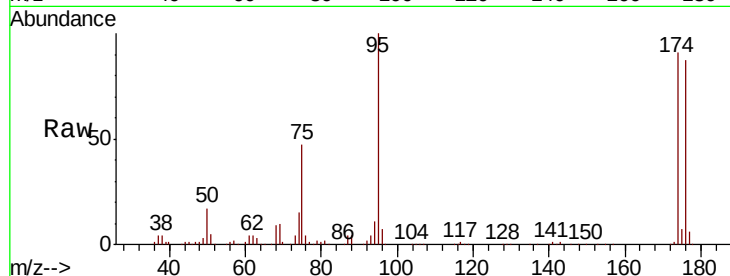
Tot Ion: 75 Resp: 130832

Ion Ratio Lower Upper

75 100

53 0.0 83.9 125.9#

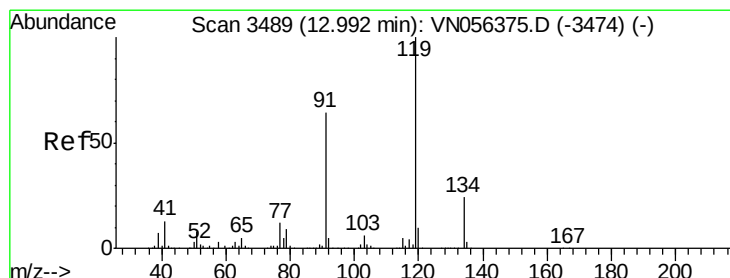
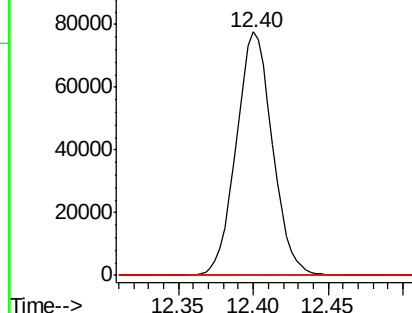
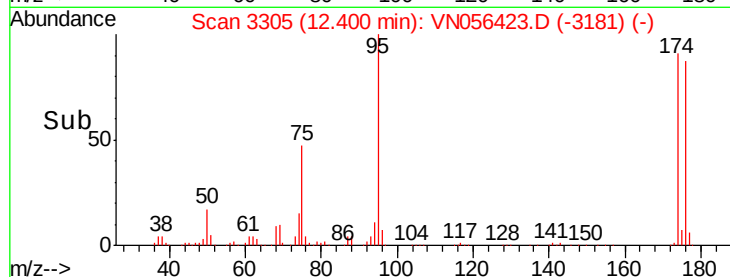
89 0.0 35.0 52.6#



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



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN056423.D

Acq: 21 Jun 2019 14:06

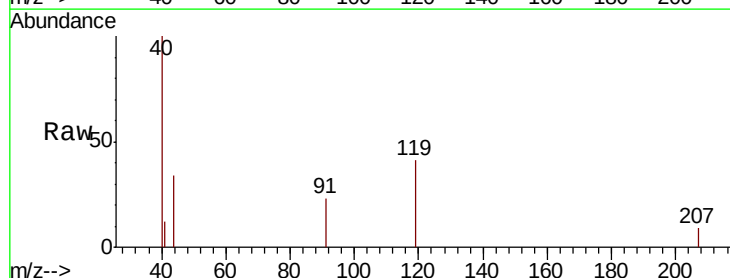
Tgt Ion: 119 Resp: 990

Ion Ratio Lower Upper

119 100

91 66.9 31.6 94.7

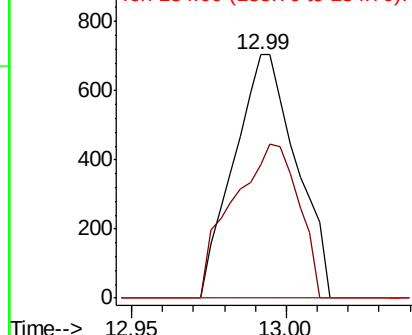
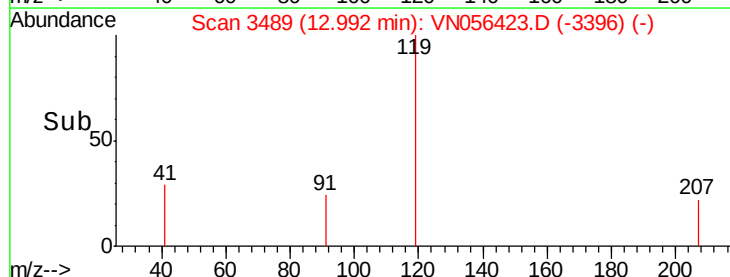
134 0.0 13.2 39.5#

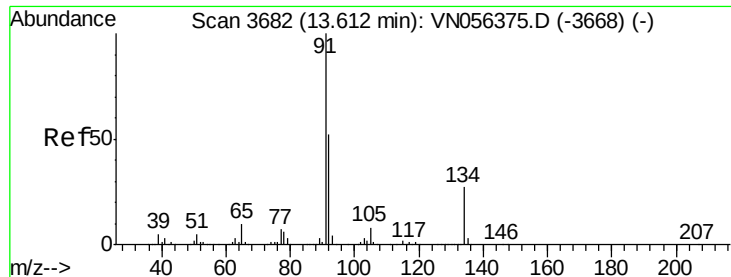


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V





#89

n-Butylbenzene

Concen: 0.225 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN056423.D

Acq: 21 Jun 2019 14:06

Instrument :

MSVOA_N

ClientSampled :

PB120805TB

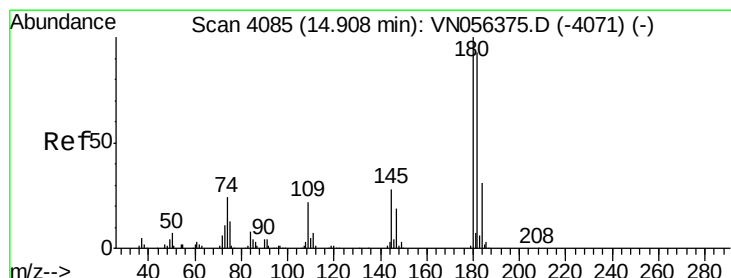
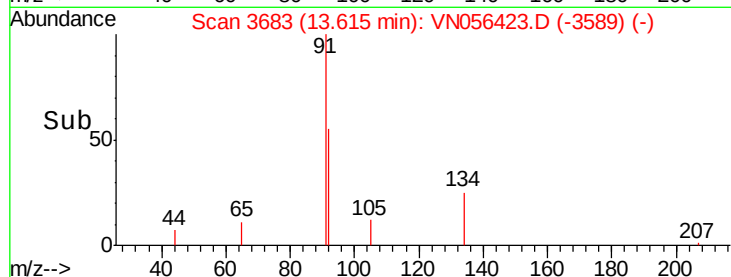
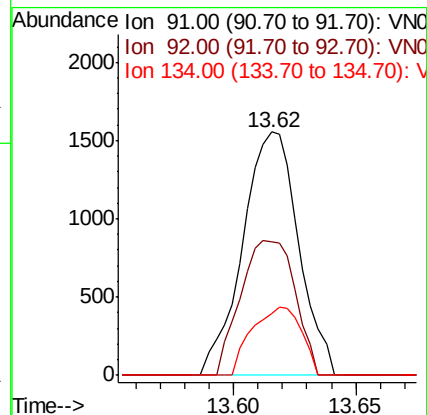
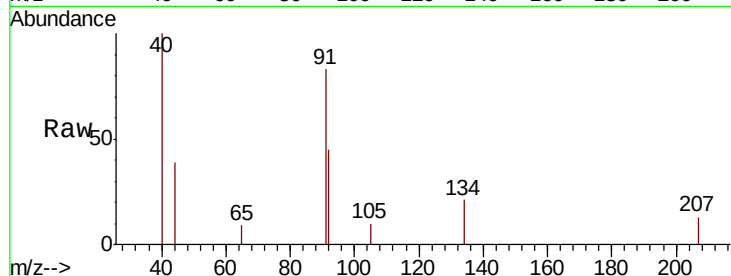
Tot Ion: 91 Resp: 2464

Ion Ratio Lower Upper

91 100

92 54.1 26.2 78.5

134 24.8 13.4 40.2



#93

1,2,4-Trichlorobenzene

Concen: 5.963 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN056423.D

Acq: 21 Jun 2019 14:06

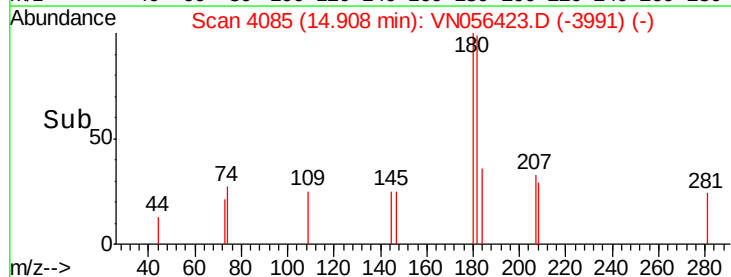
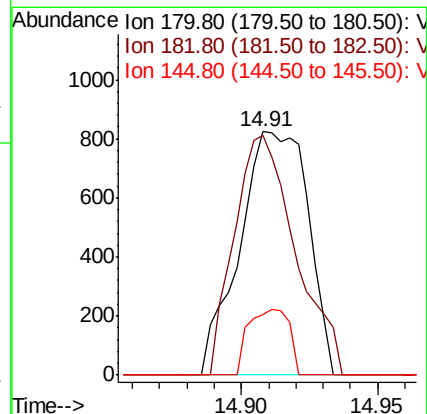
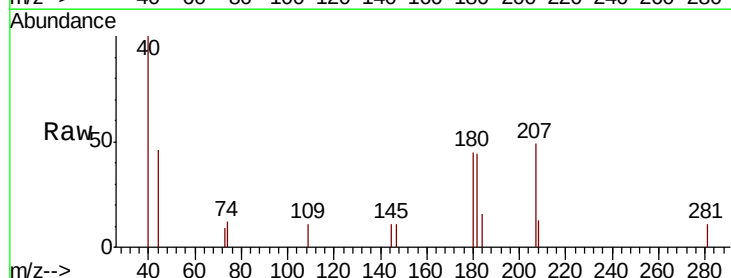
Tgt Ion: 180 Resp: 1440

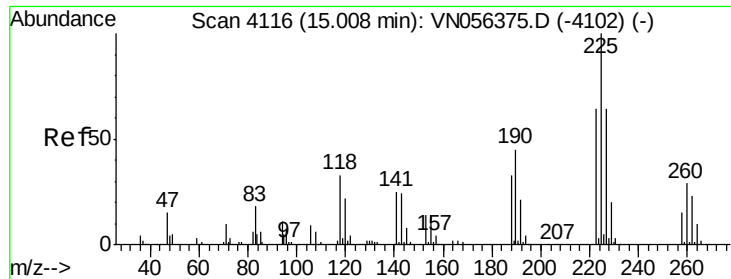
Ion Ratio Lower Upper

180 100

182 87.8 46.9 140.6

145 15.8 14.4 43.0





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN056423.D

Acq: 21 Jun 2019 14:06

Instrument :

MSVOA_N

ClientSampled :

PB120805TB

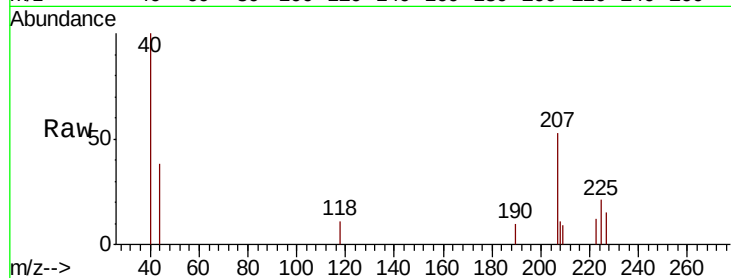
Tot Ion:225 Resp: 643

Ion Ratio Lower Upper

225 100

223 40.6 31.4 94.3

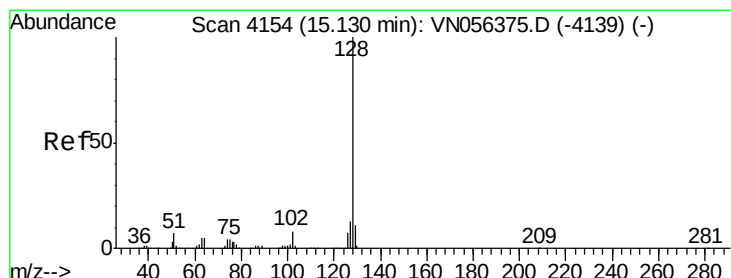
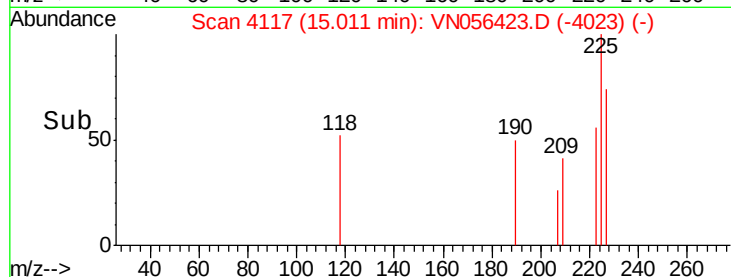
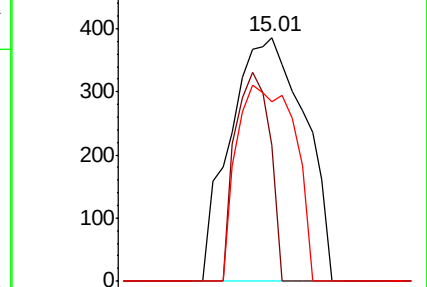
227 62.5 32.1 96.3



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: 5.726 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN056423.D

Acq: 21 Jun 2019 14:06

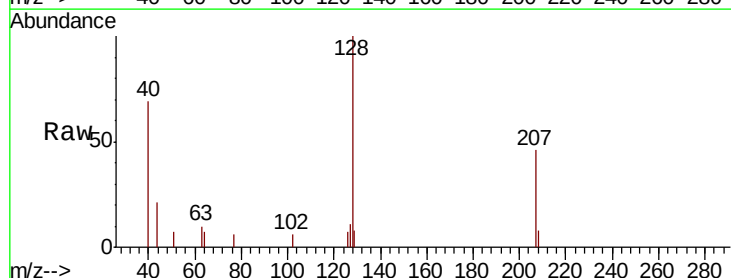
Tgt Ion:128 Resp: 5148

Ion Ratio Lower Upper

128 100

127 7.6 10.2 15.2#

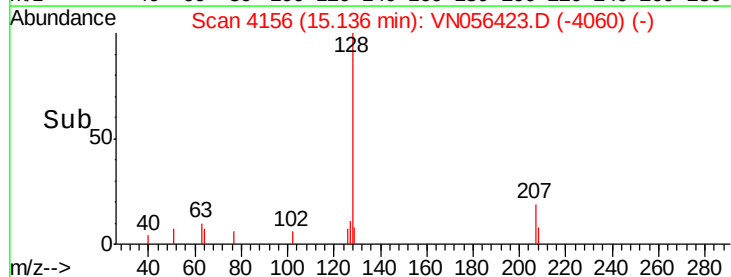
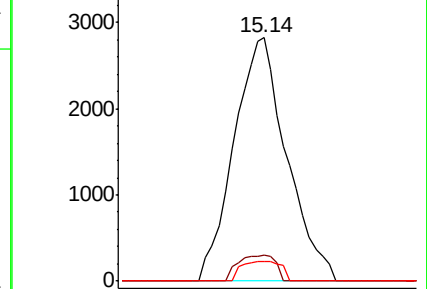
129 6.2 8.6 12.8#

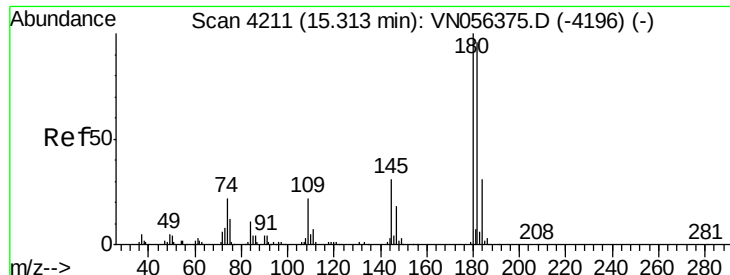


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

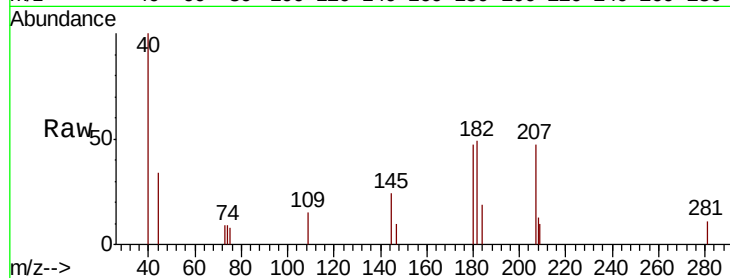




#96
 1,2,3-Trichlorobenzene
 Concen: 4.912 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN056423.D
 Acq: 21 Jun 2019 14:06

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120805TB

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	48.3	144.8
145	37.6	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

