

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062519\
 Data File : VN056476.D
 Acq On : 25 Jun 2019 11:10
 Operator : JC/SP
 Sample : PB120881TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120881TB

Quant Time: Jun 26 03:39:53 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	378771	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	643041	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	647120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	188718	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	215094	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
35) Dibromofluoromethane	7.59	113	190810	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
50) Toluene-d8	10.09	98	802033	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
62) 4-Bromofluorobenzene	12.40	95	262793	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
Target Compounds						
					Qvalue	
16) Acetone	3.83	43	6793	3.230	ug/l	99
18) Methyl Acetate	4.34	43	7356	0.934	ug/l	95
20) Methylene Chloride	4.56	84	1877	Below Cal	#	77
25) 2-Butanone	6.86	43	1997	0.717	ug/l #	49
29) Tetrahydrofuran	7.23	42	1290	0.758	ug/l #	56
31) Cyclohexane	7.67	56	6140	0.947	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	24547	4.337	ug/l #	43
38) Carbon Tetrachloride	7.67	117	31636	6.392	ug/l #	15
43) Isopropyl Acetate	8.17	43	16314	1.902	ug/l #	91
45) 1,2-Dichloropropane	9.27	63	2182	0.469	ug/l #	43
48) Methyl methacrylate	9.18	41	9963	2.318	ug/l #	12
49) 1,4-Dioxane	9.27	88	177	1.984	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	4493	0.812	ug/l	88
53) t-1,3-Dichloropropene	10.39	75	198	2.922	ug/l #	43
54) cis-1,3-Dichloropropene	9.90	75	70927	11.400	ug/l #	62
57) 1,3-Dichloropropane	10.76	76	15206	2.116	ug/l #	42
59) 2-Hexanone	10.76	43	210876	51.830	ug/l #	52
60) Dibromochloromethane	11.17	129	29	2.388	ug/l #	10
71) Bromoform	12.40	173	1920	3.650	ug/l #	1
73) Isopropylbenzene	12.25	105	1125	Below Cal	#	58
74) N-amyl acetate	12.07	43	1554	0.259	ug/l #	75
76) 1,2,3-Trichloropropane	12.40	75	120948	30.908	ug/l #	100
79) 2-Chlorotoluene	12.78	91	1340	Below Cal		73
80) 1,3,5-Trimethylbenzene	12.73	105	7269	Below Cal		98
81) trans-1,4-Dichloro-2-buten	12.40	75	120948	109.853	ug/l #	8
83) tert-Butylbenzene	12.99	119	941	Below Cal	#	75
89) n-Butylbenzene	13.62	91	2666	0.270	ug/l	79
91) 1,2-Dichlorobenzene	13.66	146	1428	0.225	ug/l	91
93) 1,2,4-Trichlorobenzene	14.91	180	1475	6.010	ug/l	88
94) Hexachlorobutadiene	15.00	225	792	Below Cal		92
95) Naphthalene	15.13	128	4840	5.746	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.32	180	1795	4.959	ug/l	88

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QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration

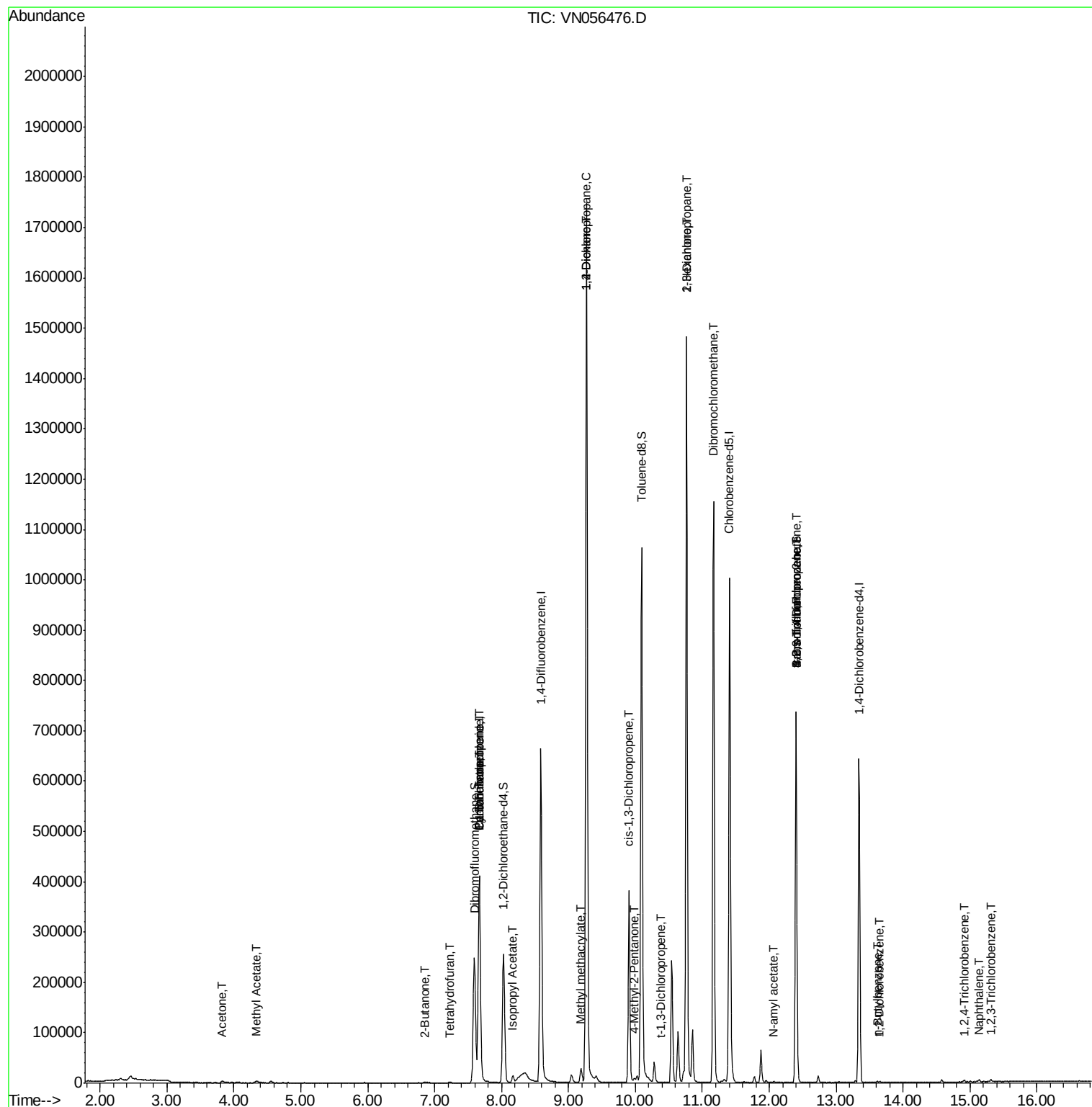
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

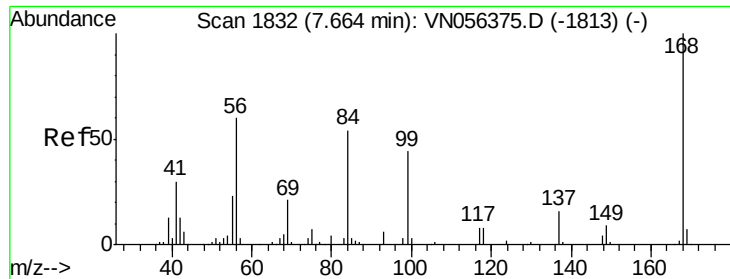
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062519\
Data File : VN056476.D
Acq On : 25 Jun 2019 11:10
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Quant Title : SW846 8260
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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: VN056476.D

Acq: 25 Jun 2019 11:10

Instrument :

MSVOA_N

ClientSampleId :

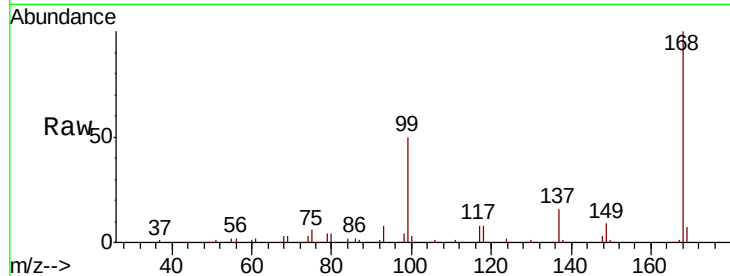
PB120881TB

Tot Ion:168 Resp: 378771

Ion Ratio Lower Upper

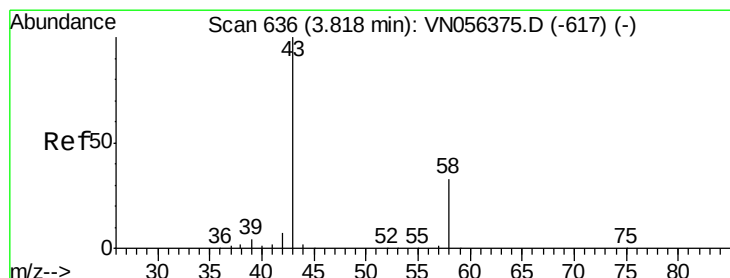
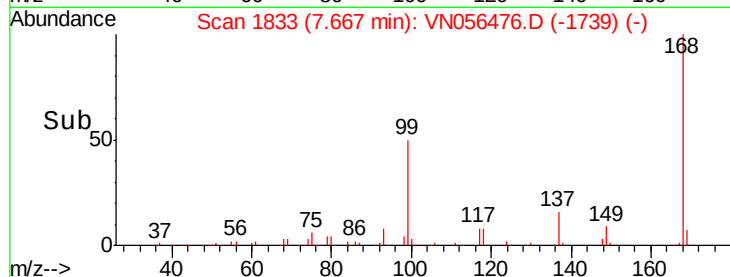
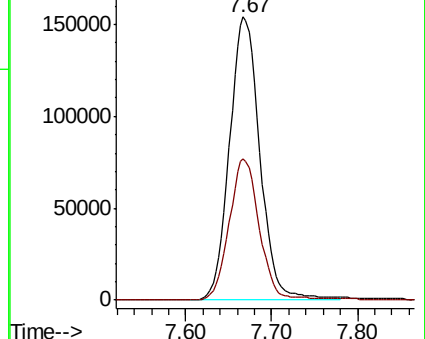
168 100

99 50.0 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 3.230 ug/l

RT: 3.83 min Scan# 640

Delta R.T. 0.01 min

Lab File: VN056476.D

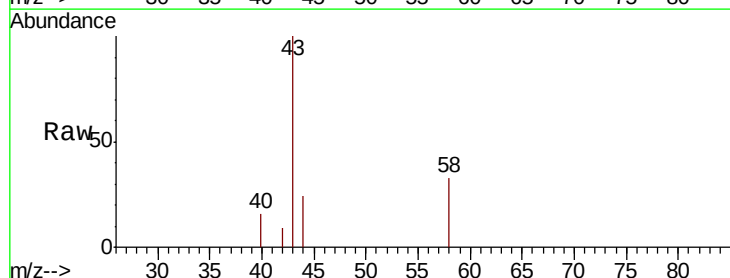
Acq: 25 Jun 2019 11:10

Tgt Ion: 43 Resp: 6793

Ion Ratio Lower Upper

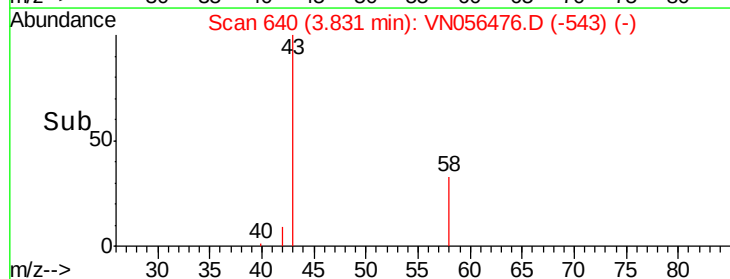
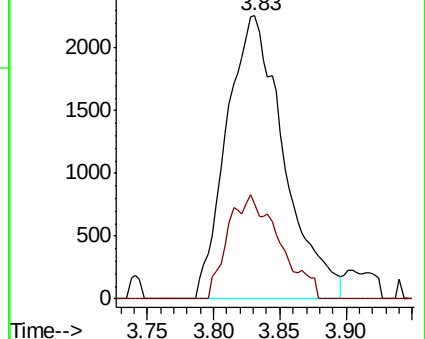
43 100

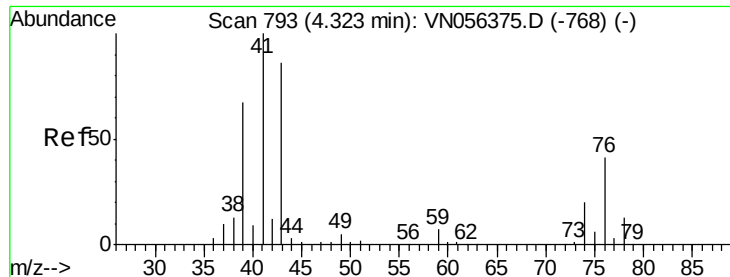
58 33.4 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#18

Methyl Acetate

Concen: 0.934 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN056476.D

Acq: 25 Jun 2019 11:10

Instrument :

MSVOA_N

ClientSampled :

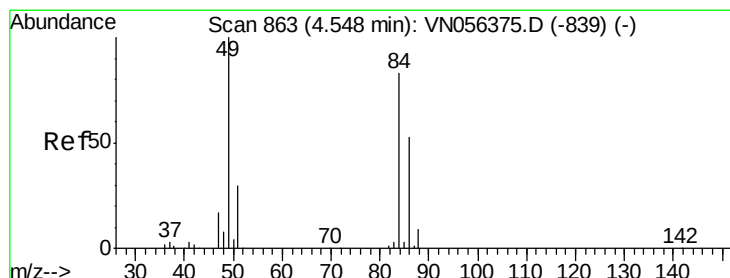
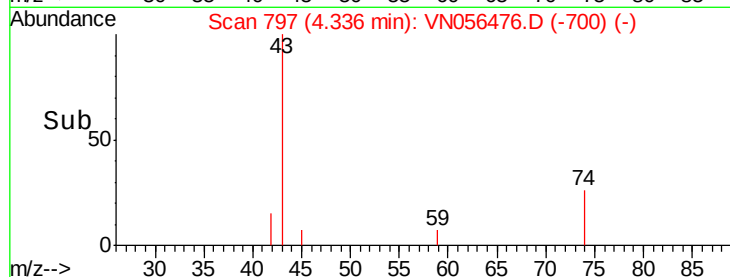
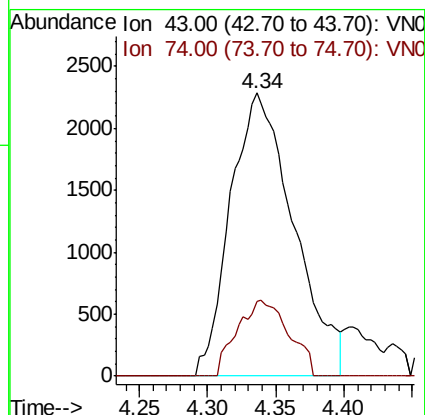
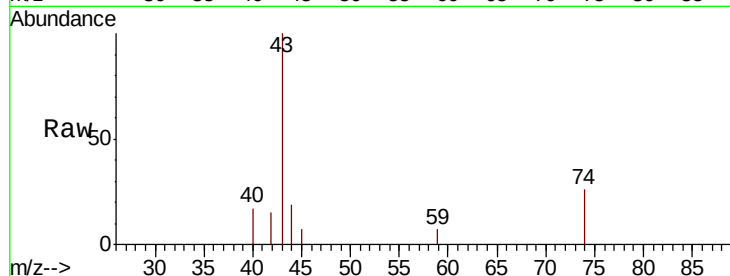
PB120881TB

Tot Ion: 43 Resp: 7356

Ion Ratio Lower Upper

43 100

74 21.7 19.2 28.8



#20

Methylene Chloride

Concen: Below Cal

RT: 4.56 min Scan# 868

Delta R.T. 0.02 min

Lab File: VN056476.D

Acq: 25 Jun 2019 11:10

Tgt Ion: 84 Resp: 1877

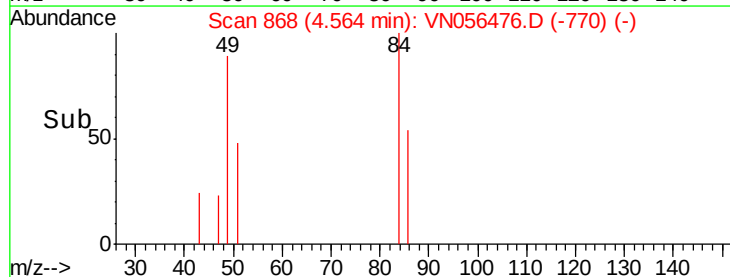
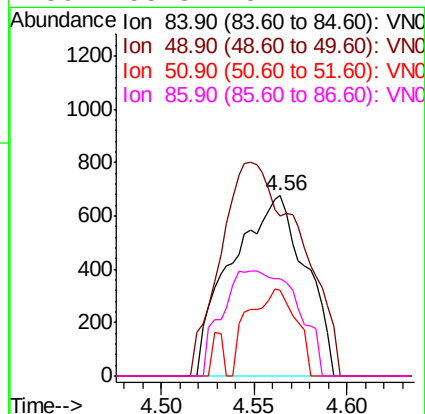
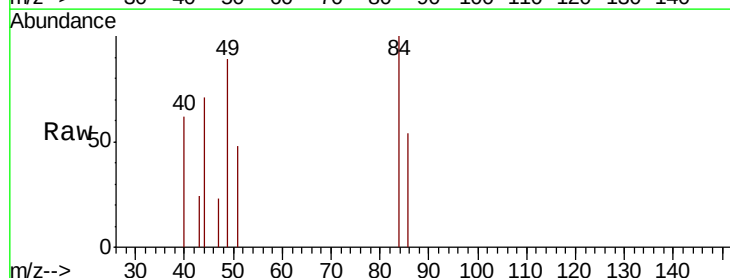
Ion Ratio Lower Upper

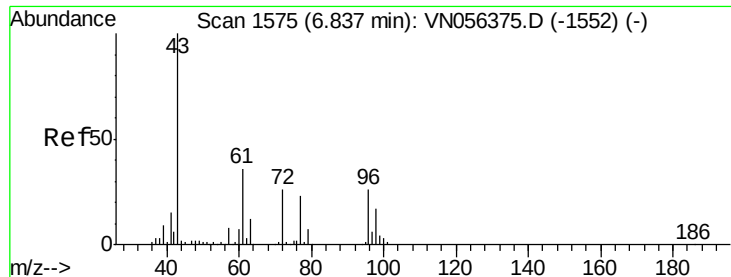
84 100

49 89.1 96.4 144.6#

51 47.9 28.6 43.0#

86 53.8 51.4 77.2





#25

2-Butanone

Concen: 0.717 ug/l

RT: 6.86 min Scan# 1582

Delta R.T. 0.02 min

Lab File: VN056476.D

Acq: 25 Jun 2019 11:10

Instrument :

MSVOA_N

ClientSampleId :

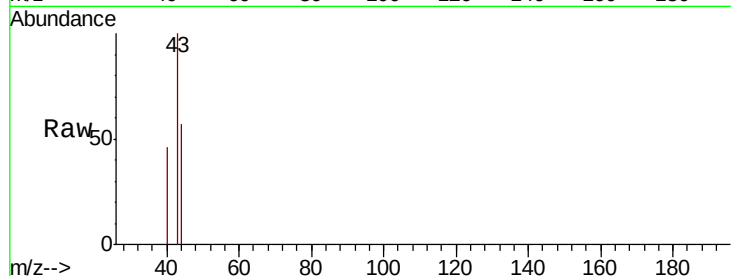
PB120881TB

Tot Ion: 43 Resp: 1997

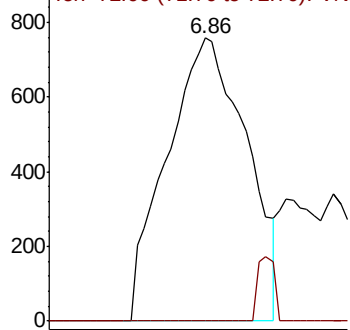
Ion Ratio Lower Upper

43 100

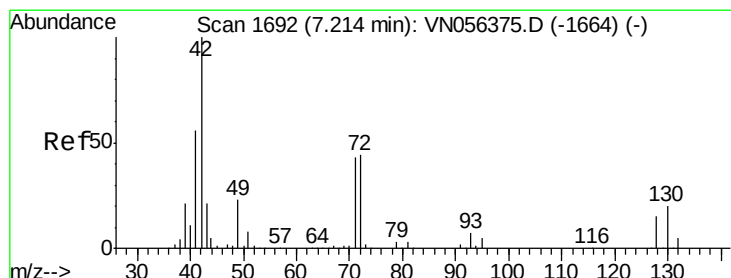
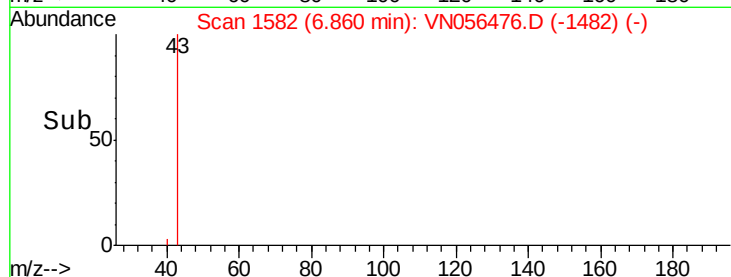
72 0.0 20.6 31.0#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 72.00 (71.70 to 72.70): VNO



Time-->



#29

Tetrahydrofuran

Concen: 0.758 ug/l

RT: 7.23 min Scan# 1696

Delta R.T. 0.01 min

Lab File: VN056476.D

Acq: 25 Jun 2019 11:10

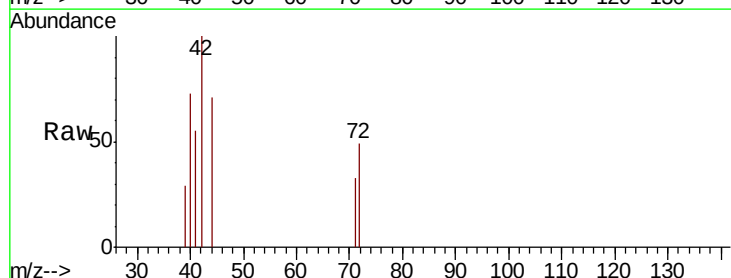
Tgt Ion: 42 Resp: 1290

Ion Ratio Lower Upper

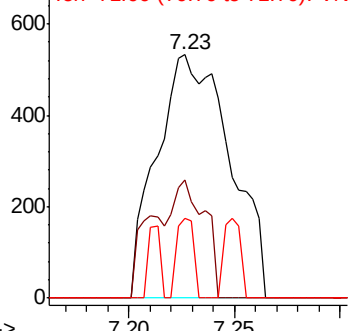
42 100

72 21.7 34.7 52.1#

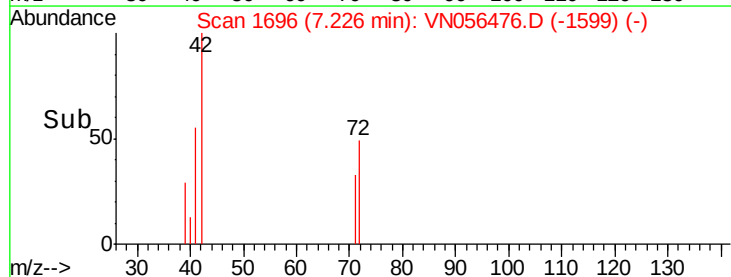
71 7.5 33.0 49.6#

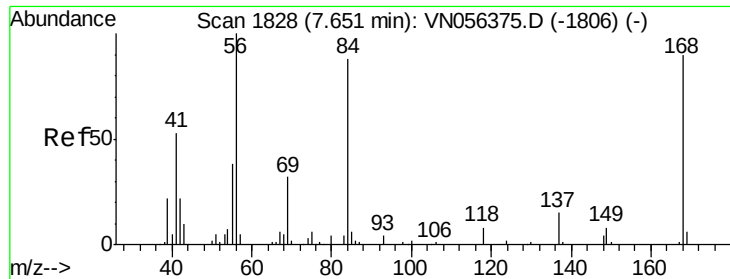


Abundance Ion 42.00 (41.70 to 42.70): VNO
Ion 72.00 (71.70 to 72.70): VNO
Ion 71.00 (70.70 to 71.70): VNO



Time-->

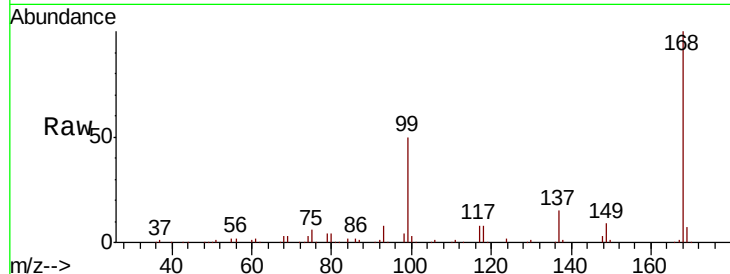




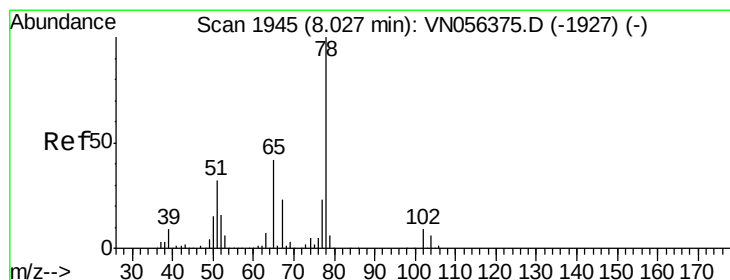
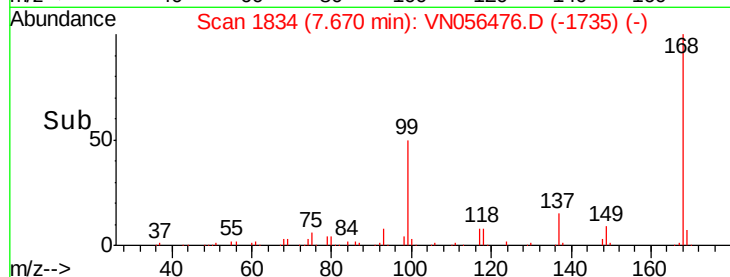
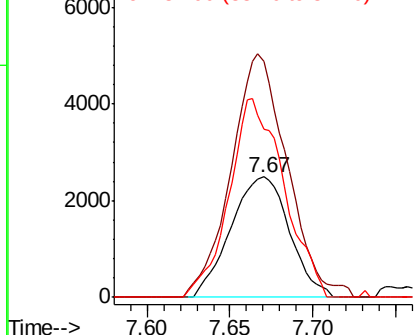
#31
Cyclohexane
Concen: 0.947 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. 0.02 min
Lab File: VN056476.D
Acq: 25 Jun 2019 11:10

Instrument :
MSVOA_N
ClientSampleId :
PB120881TB

Tot Ion: 56 Resp: 6140
Ion Ratio Lower Upper
56 100
69 189.1 25.8 38.6#
84 139.9 69.4 104.0#

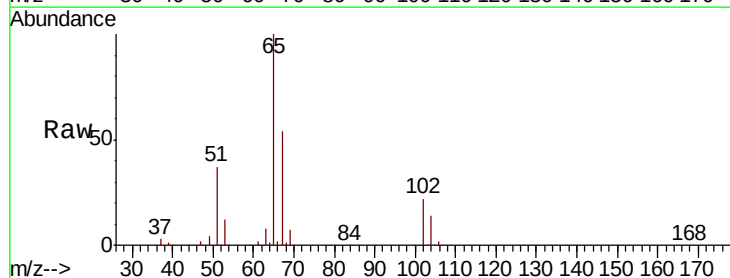


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

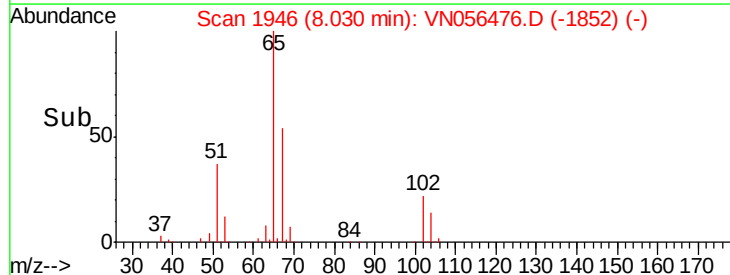
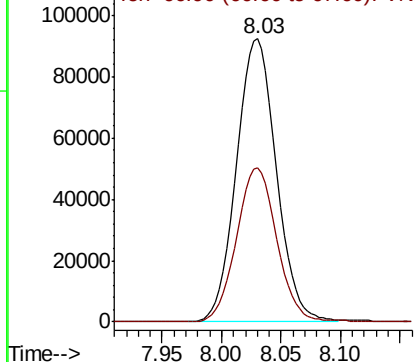


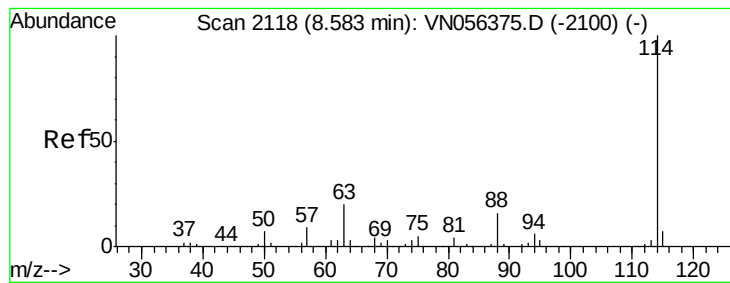
#33
1,2-Dichloroethane-d4
Concen: 51.238 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN056476.D
Acq: 25 Jun 2019 11:10

Tgt Ion: 65 Resp: 215094
Ion Ratio Lower Upper
65 100
67 54.9 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: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN056476.D

Acq: 25 Jun 2019 11:10

Instrument :

MSVOA_N

ClientSampleId :

PB120881TB

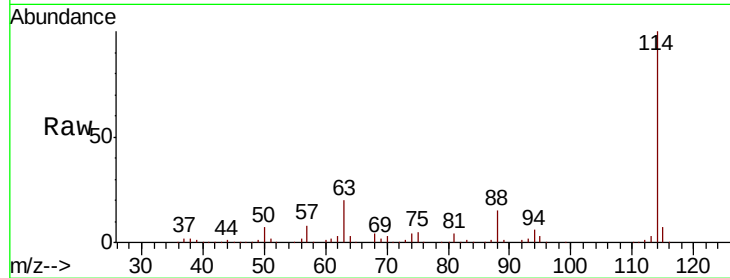
Tot Ion:114 Resp: 643041

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.2

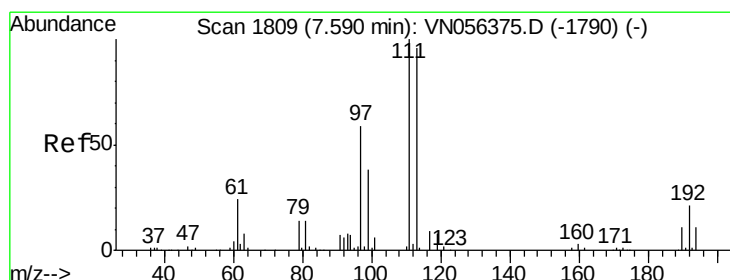
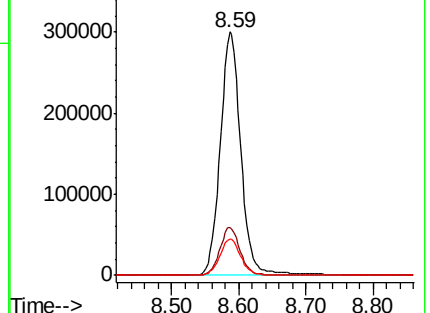
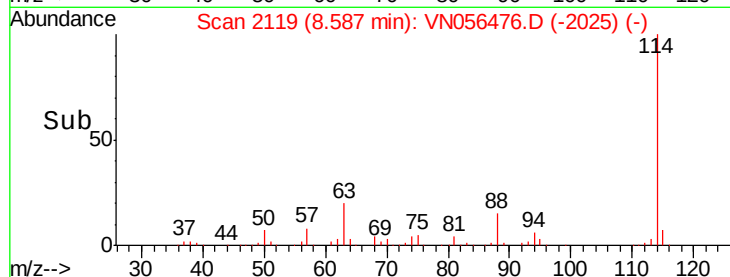
88 15.0 0.0 31.4



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: 47.566 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN056476.D

Acq: 25 Jun 2019 11:10

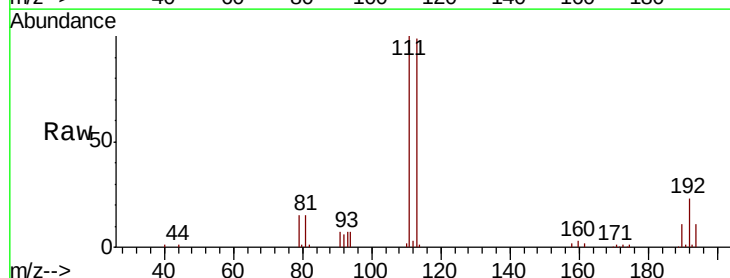
Tgt Ion:113 Resp: 190810

Ion Ratio Lower Upper

113 100

111 102.7 82.9 124.3

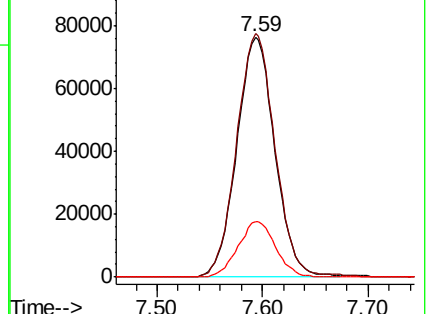
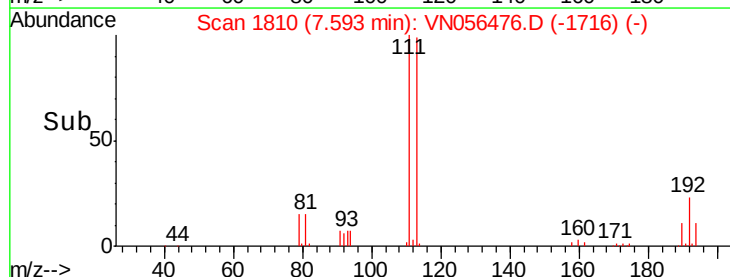
192 22.9 17.7 26.5

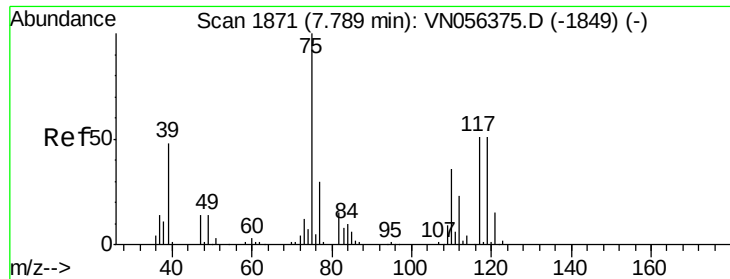


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

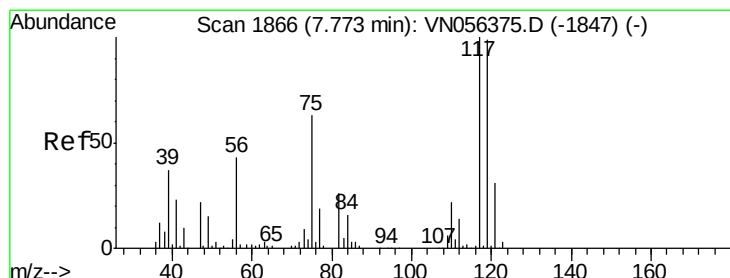
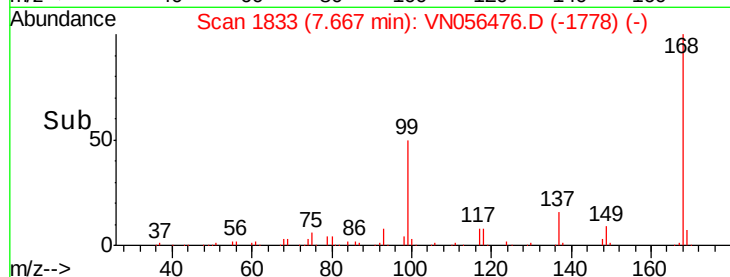
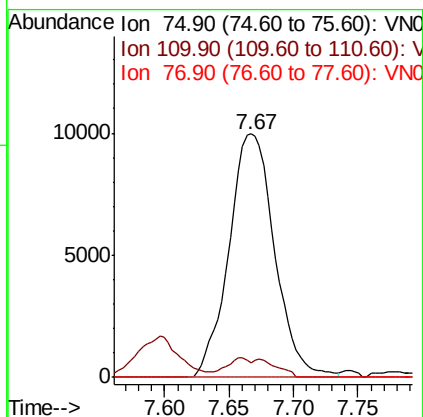
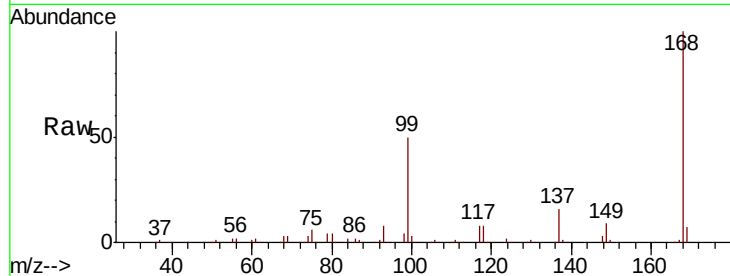




#36
 1,1-Dichloropropene
 Concen: 4.337 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.12 min
 Lab File: VN056476.D
 Acq: 25 Jun 2019 11:10

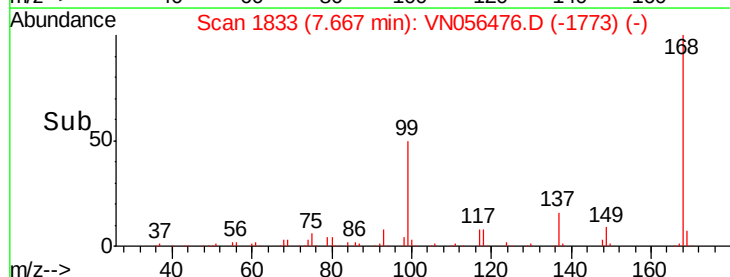
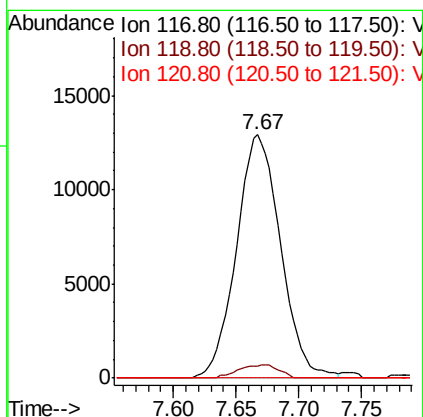
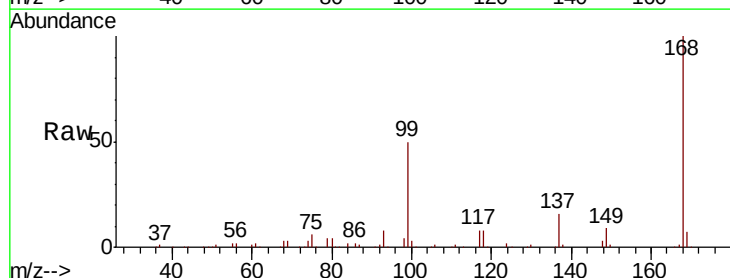
Instrument :
 MSVOA_N
 ClientSampleId :
 PB120881TB

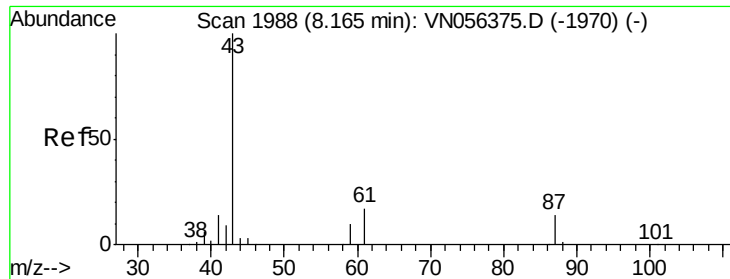
Tot Ion	75	Resp	24547
Ion Ratio	Lower	Upper	
75	100		
110	2.6	18.1	54.3#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.392 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN056476.D
 Acq: 25 Jun 2019 11:10

Tgt Ion	117	Resp	31636
Ion Ratio	Lower	Upper	
117	100		
119	4.9	79.1	118.7#
121	0.0	24.8	37.2#





#43

Isopropyl Acetate

Concen: 1.902 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056476.D

Acq: 25 Jun 2019 11:10

Instrument :

MSVOA_N

ClientSampled :

PB120881TB

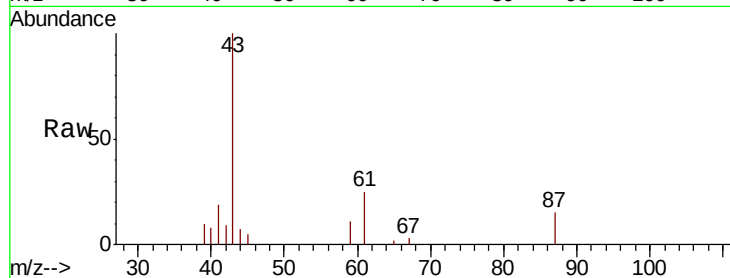
Tot Ion: 43 Resp: 16314

Ion Ratio Lower Upper

43 100

61 21.7 22.0 33.0#

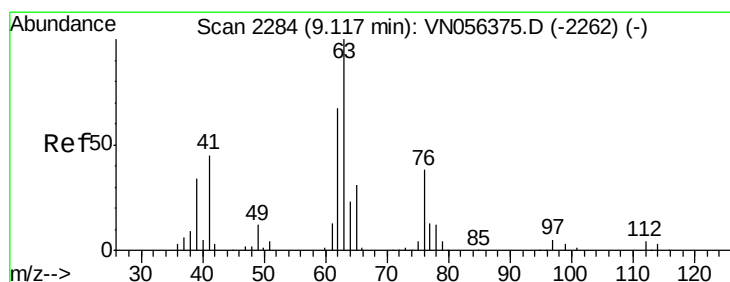
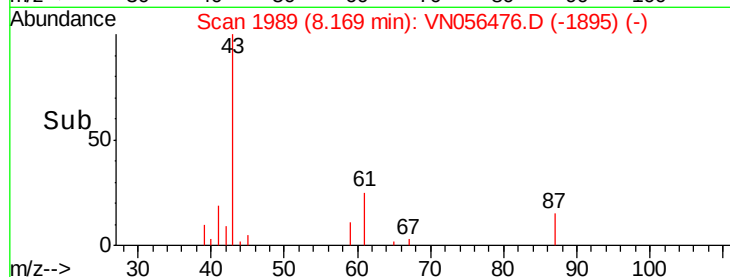
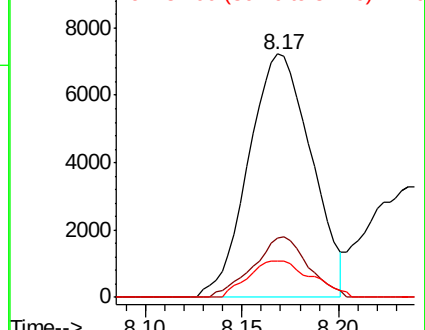
87 15.1 11.0 16.4



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: 0.469 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN056476.D

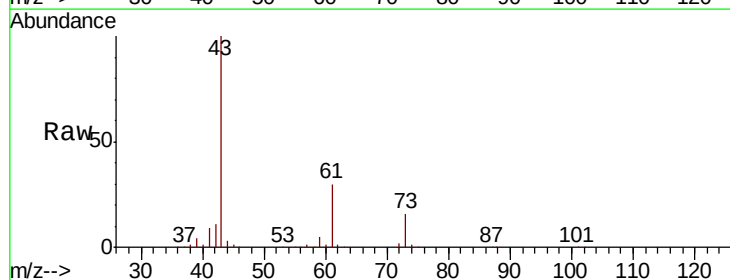
Acq: 25 Jun 2019 11:10

Tgt Ion: 63 Resp: 2182

Ion Ratio Lower Upper

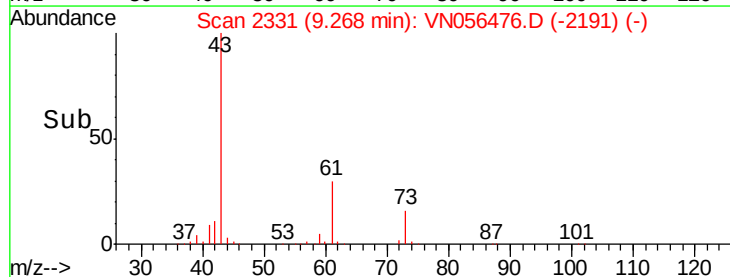
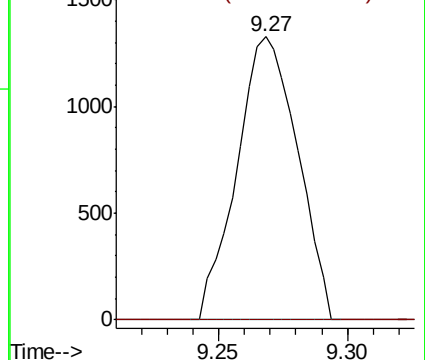
63 100

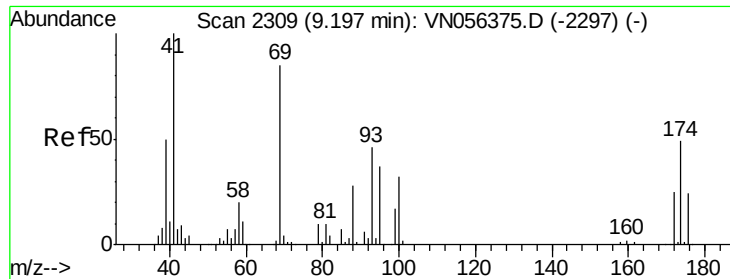
65 0.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

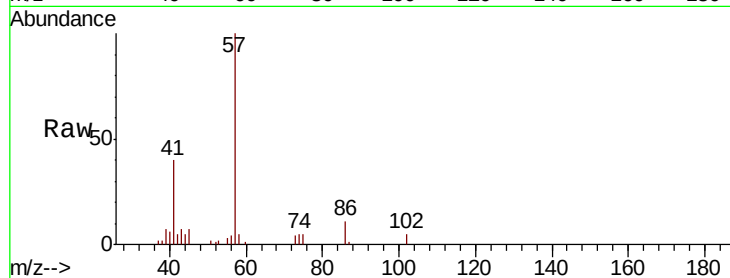




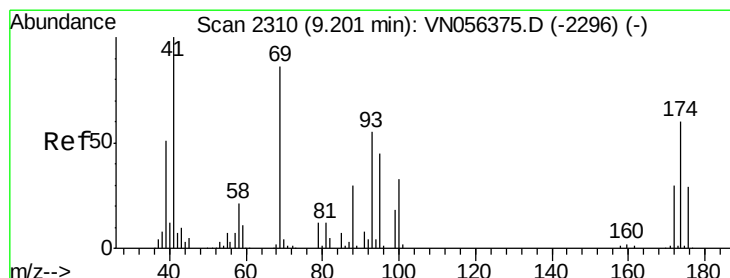
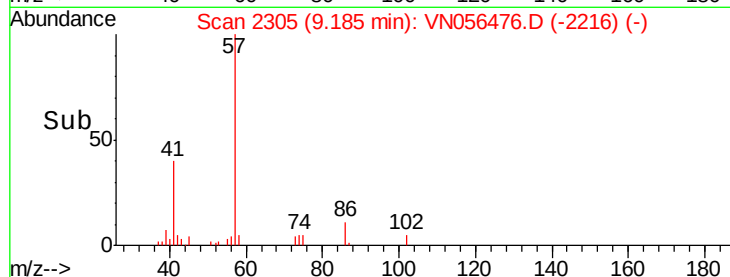
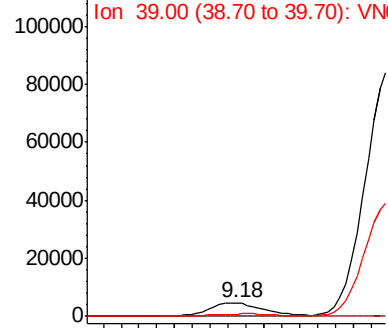
#48
Methvl methacrylate
Concen: 2.318 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.01 min
Lab File: VN056476.D
Acq: 25 Jun 2019 11:10

Instrument :
MSVOA_N
ClientSampled :
PB120881TB

Tot Ion: 41 Resp: 9963
Ion Ratio Lower Upper
41 100
69 0.0 72.6 109.0#
39 0.0 42.6 63.8#

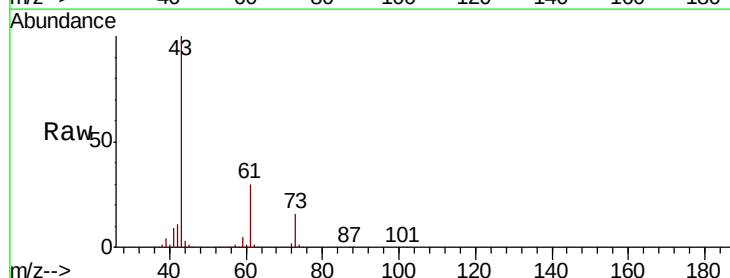


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO

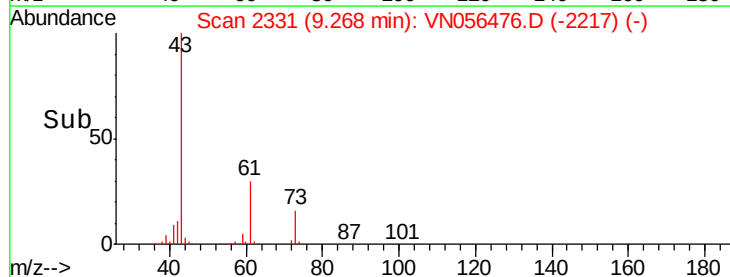
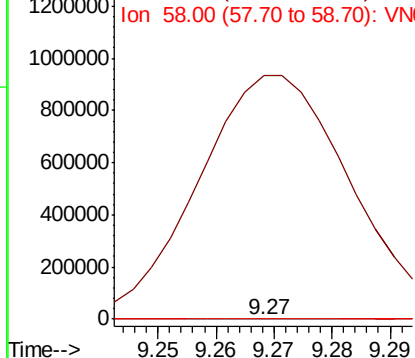


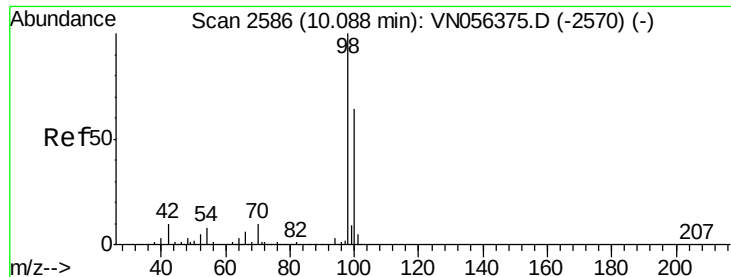
#49
1,4-Dioxane
Concen: 1.984 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.07 min
Lab File: VN056476.D
Acq: 25 Jun 2019 11:10

Tgt Ion: 88 Resp: 177
Ion Ratio Lower Upper
88 100
43 997736.2 22.0 33.0#
58 4141.2 51.8 77.8#



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





#50

Toluene-d8

Concen: 51.382 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056476.D

Acq: 25 Jun 2019 11:10

Instrument :

MSVOA_N

ClientSampleId :

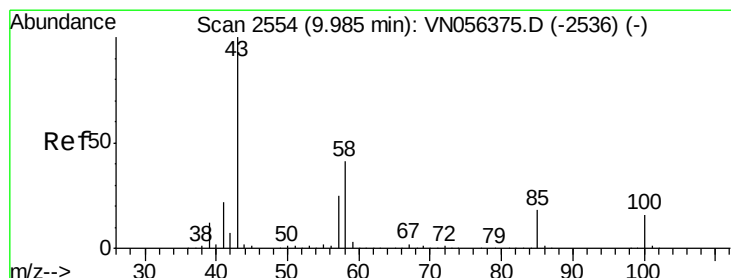
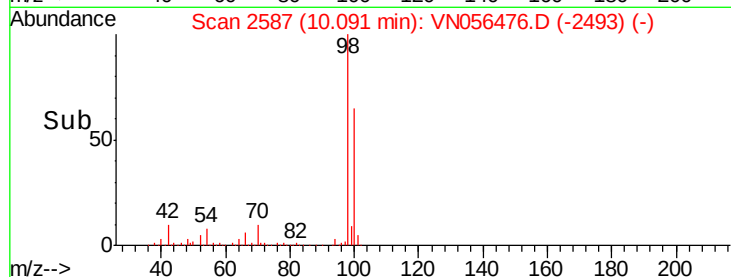
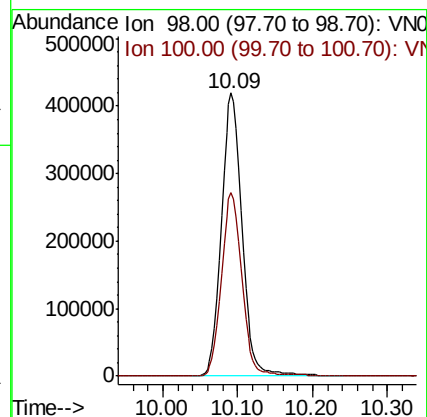
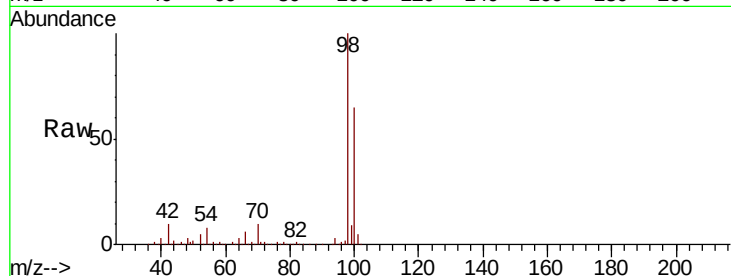
PB120881TB

Tot Ion: 98 Resp: 802033

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2



#51

4-Methyl-2-Pentanone

Concen: 0.812 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN056476.D

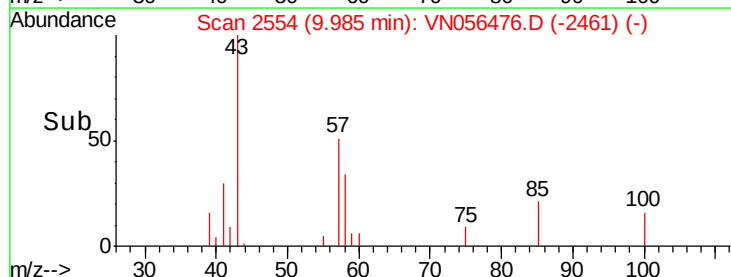
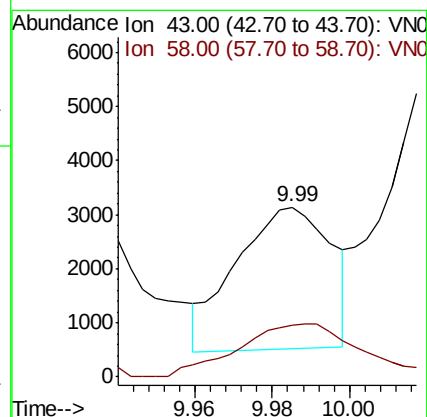
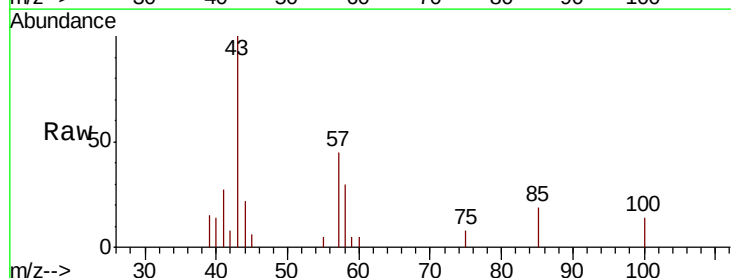
Acq: 25 Jun 2019 11:10

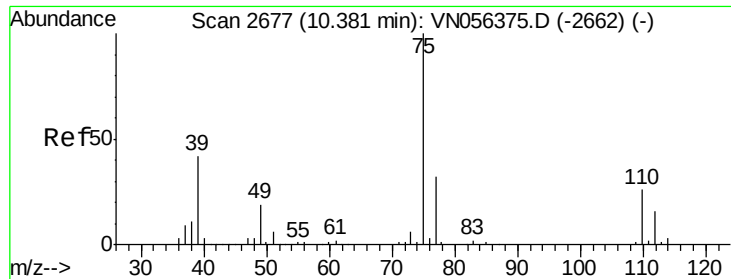
Tgt Ion: 43 Resp: 4493

Ion Ratio Lower Upper

43 100

58 46.9 31.8 47.8

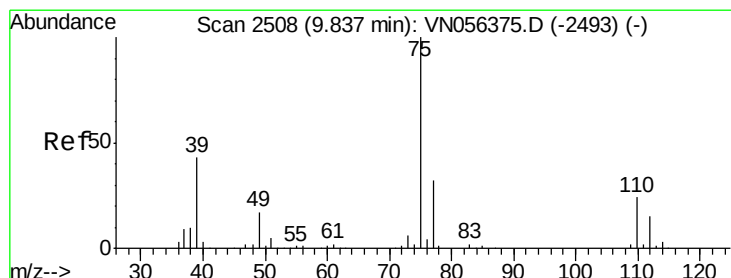
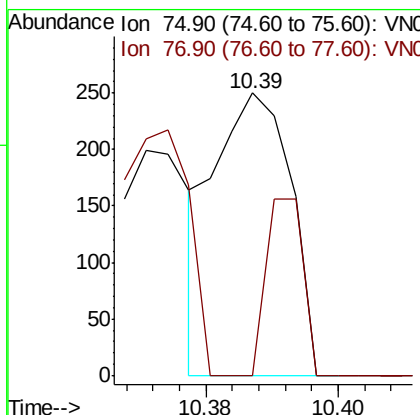
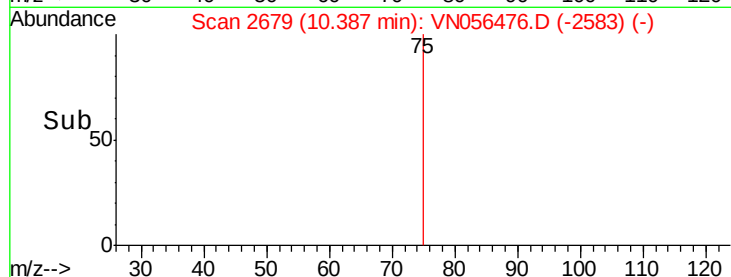
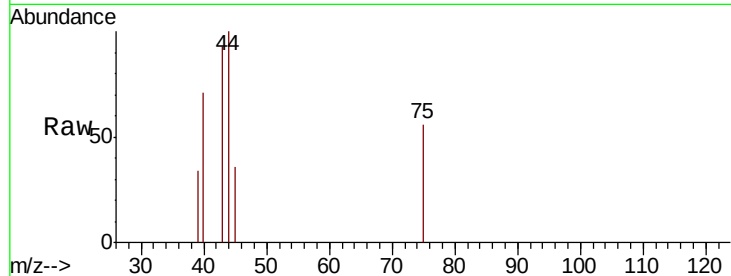




#53
t-1,3-Dichloropropene
Concen: 2.922 ug/l
RT: 10.39 min Scan# 2679
Delta R.T. 0.01 min
Lab File: VN056476.D
Acq: 25 Jun 2019 11:10

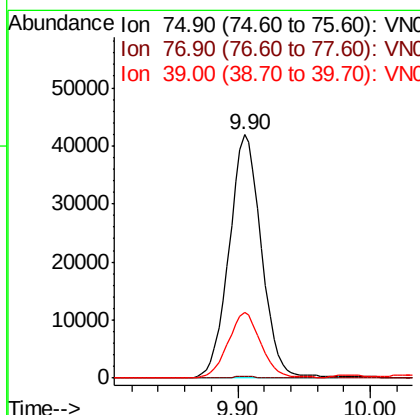
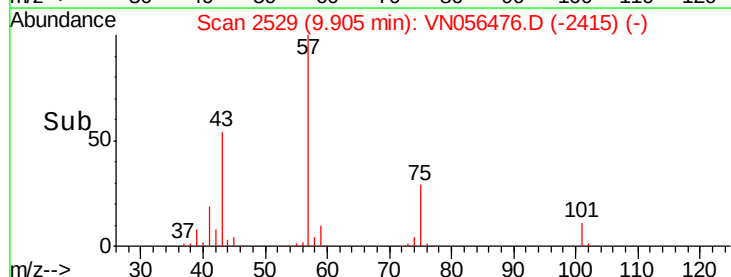
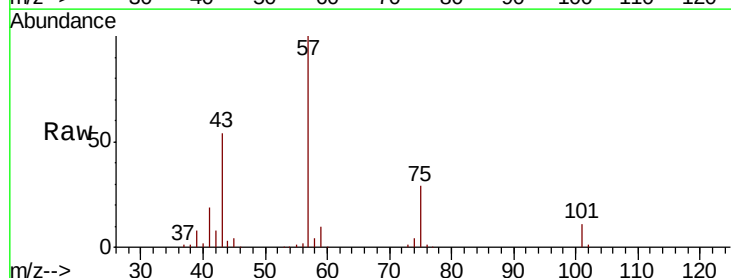
Instrument :
MSVOA_N
ClientSampled :
PB120881TB

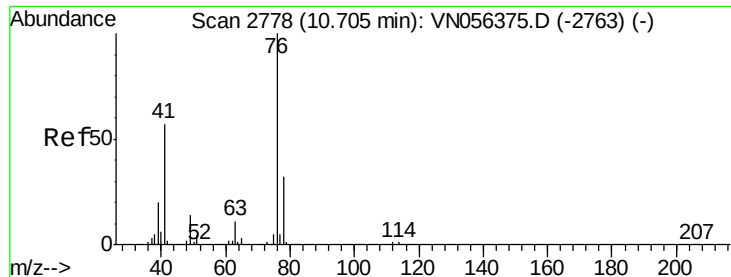
Tot Ion: 75 Resp: 198
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.2#



#54
cis-1,3-Dichloropropene
Concen: 11.400 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.07 min
Lab File: VN056476.D
Acq: 25 Jun 2019 11:10

Tgt Ion: 75 Resp: 70927
Ion Ratio Lower Upper
75 100
77 0.5 25.2 37.8#
39 27.2 34.2 51.4#

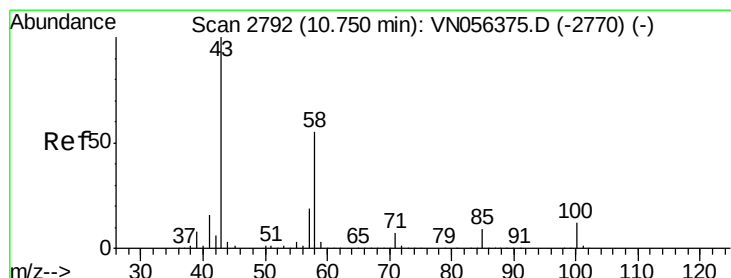
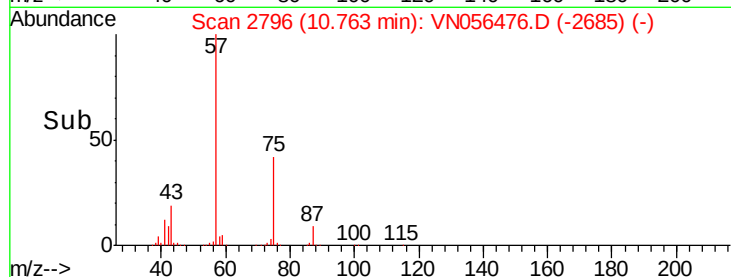
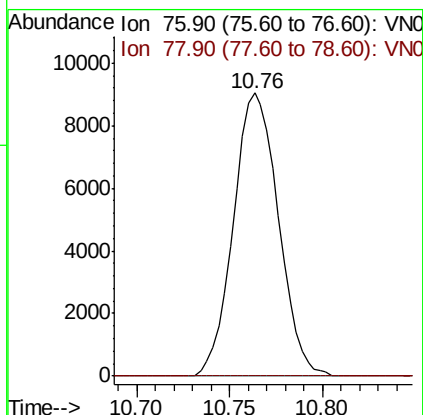
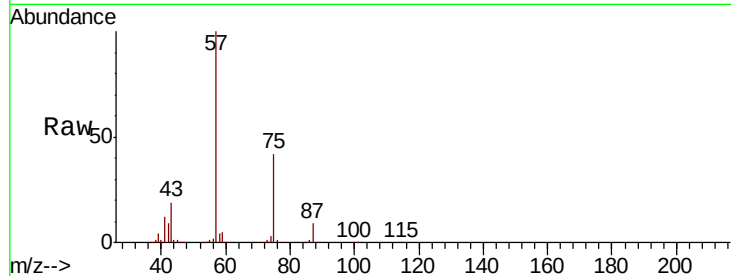




#57
 1,3-Dichloropropane
 Concen: 2.116 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN056476.D
 Acq: 25 Jun 2019 11:10

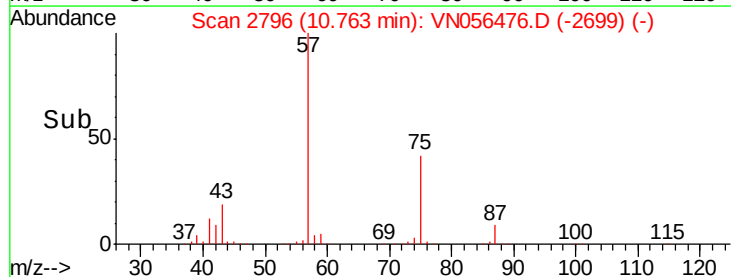
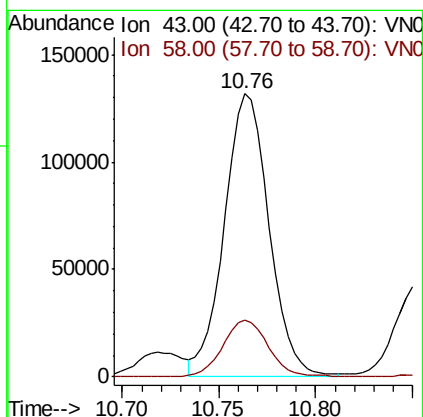
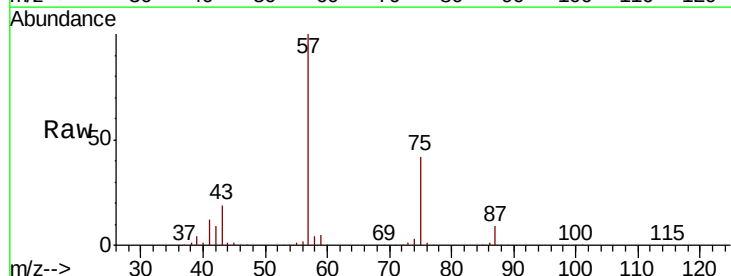
Instrument :
 MSVOA_N
 ClientSampled :
 PB120881TB

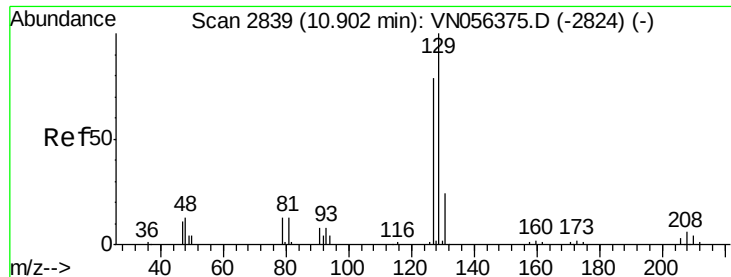
Tot Ion: 76 Resp: 15206
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.9 38.9#



#59
 2-Hexanone
 Concen: 51.830 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN056476.D
 Acq: 25 Jun 2019 11:10

Tgt Ion: 43 Resp: 210876
 Ion Ratio Lower Upper
 43 100
 58 20.7 27.8 83.4#

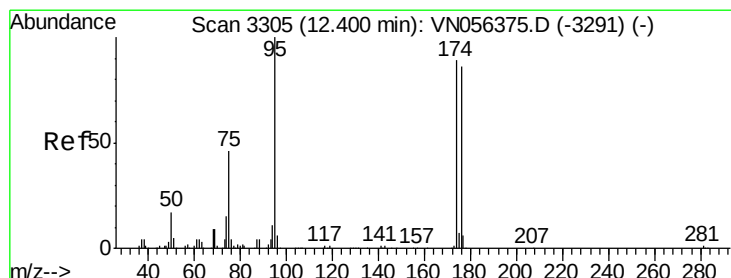
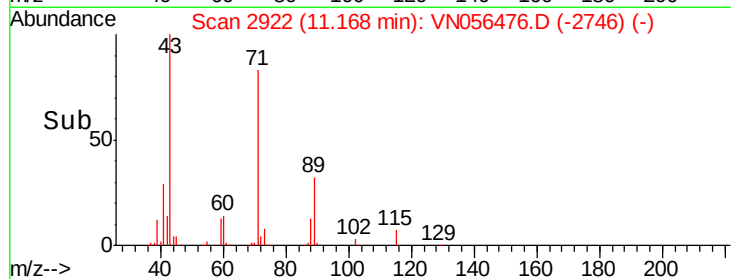
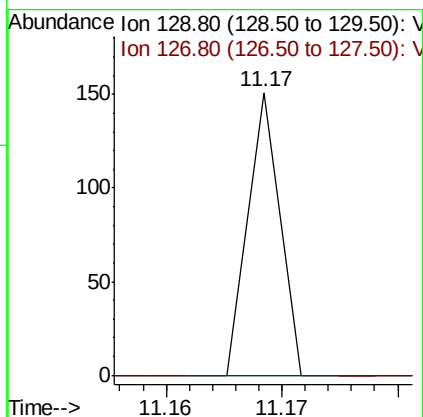
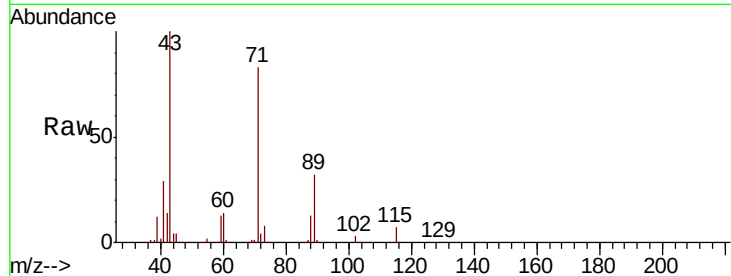




#60
Dibromochloromethane
Concen: 2.388 ug/l
RT: 11.17 min Scan# 2922
Delta R.T. 0.27 min
Lab File: VN056476.D
Acq: 25 Jun 2019 11:10

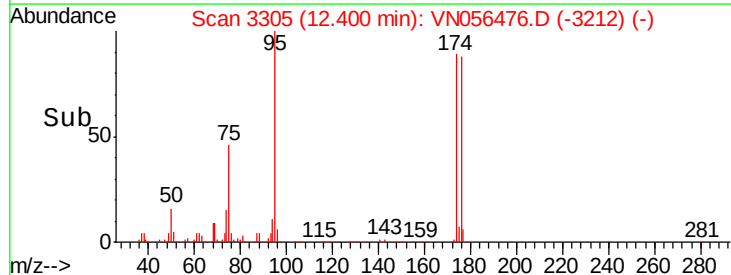
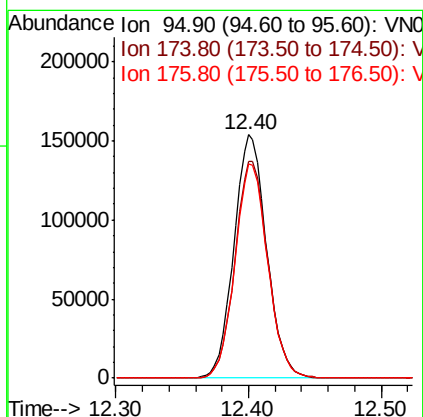
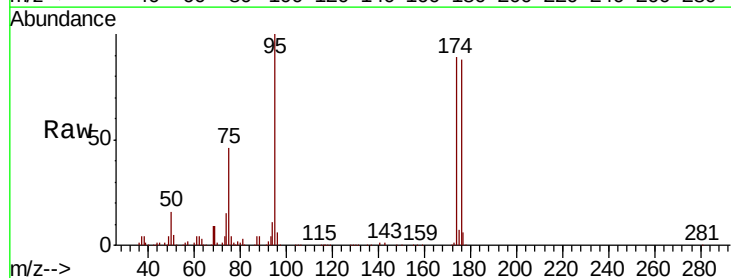
Instrument :
MSVOA_N
ClientSampled :
PB120881TB

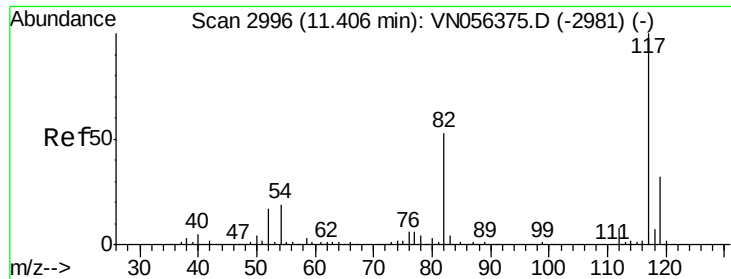
Tot Ion:129 Resp: 29
Ion Ratio Lower Upper
129 100
127 0.0 38.9 116.7#



#62
4-Bromofluorobenzene
Concen: 50.504 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056476.D
Acq: 25 Jun 2019 11:10

Tgt Ion: 95 Resp: 262793
Ion Ratio Lower Upper
95 100
174 90.0 0.0 179.4
176 88.5 0.0 173.4

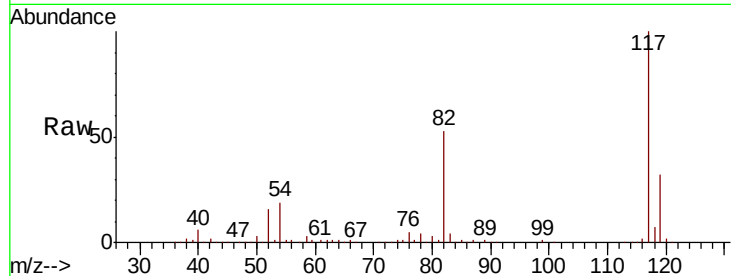




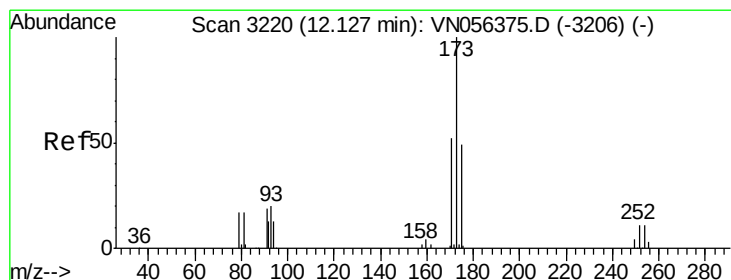
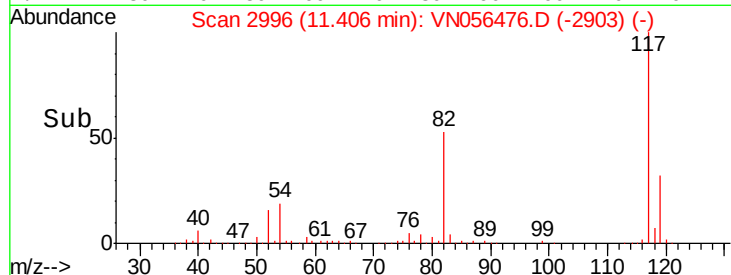
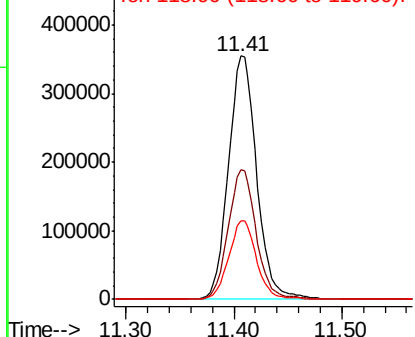
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056476.D
Acq: 25 Jun 2019 11:10

Instrument :
MSVOA_N
ClientSampleId :
PB120881TB

Tot Ion:117 Resp: 647120
Ion Ratio Lower Upper
117 100
82 53.3 42.0 63.0
119 32.4 25.3 37.9

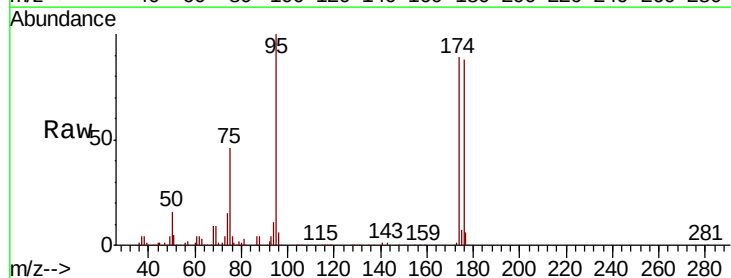


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

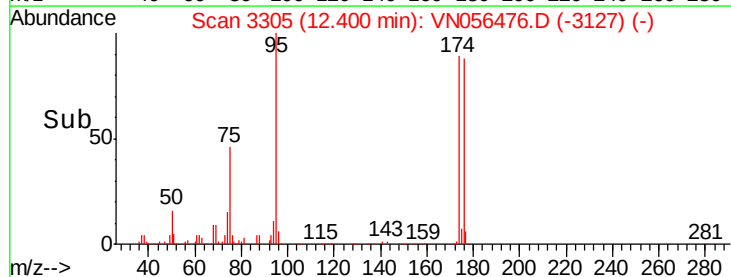
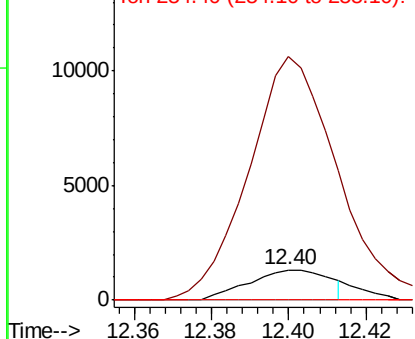


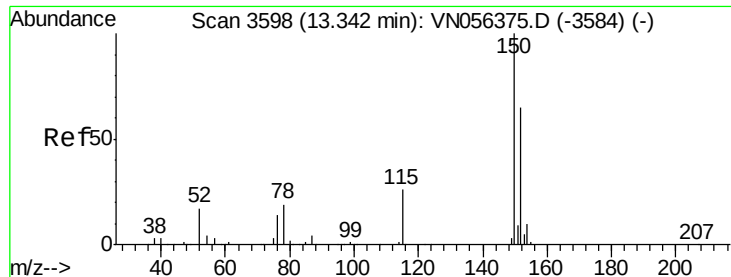
#71
Bromoform
Concen: 3.650 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN056476.D
Acq: 25 Jun 2019 11:10

Tgt Ion:173 Resp: 1920
Ion Ratio Lower Upper
173 100
175 770.4 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: VN056476.D

Acq: 25 Jun 2019 11:10

Instrument :

MSVOA_N

ClientSampleId :

PB120881TB

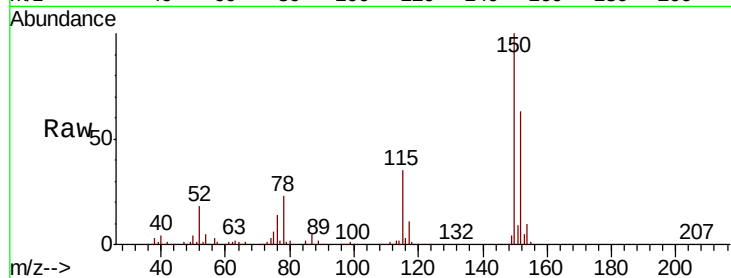
Tot Ion:152 Resp: 188718

Ion Ratio Lower Upper

152 100

115 55.6 28.1 84.4

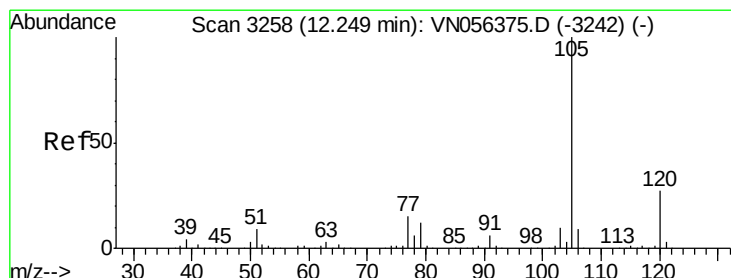
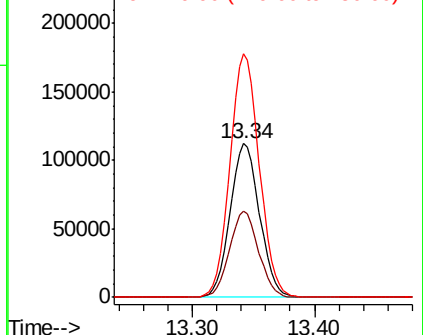
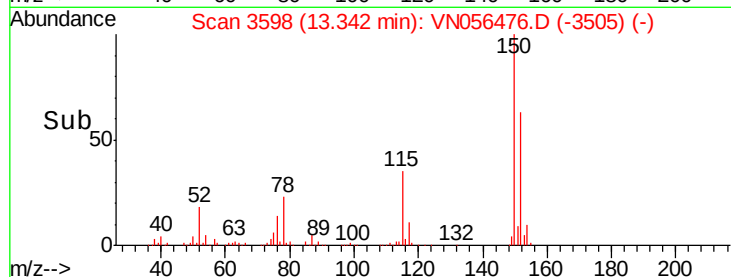
150 157.9 0.0 348.4



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# 3257

Delta R.T. -0.00 min

Lab File: VN056476.D

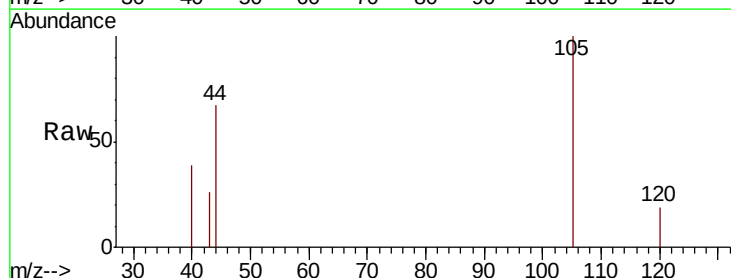
Acq: 25 Jun 2019 11:10

Tgt Ion:105 Resp: 1125

Ion Ratio Lower Upper

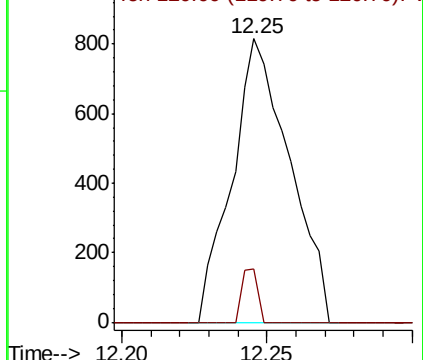
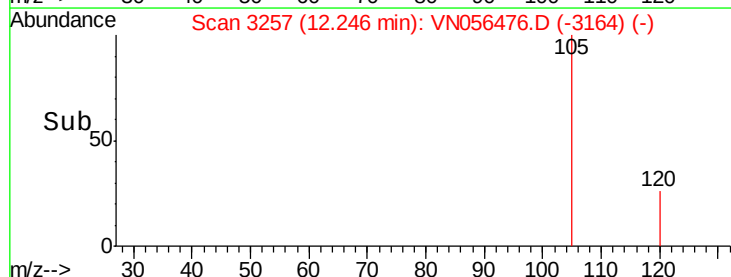
105 100

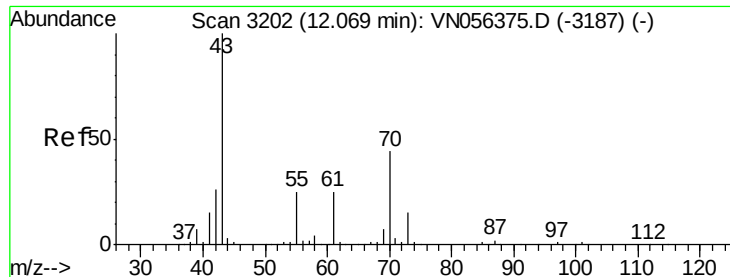
120 5.2 13.4 40.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

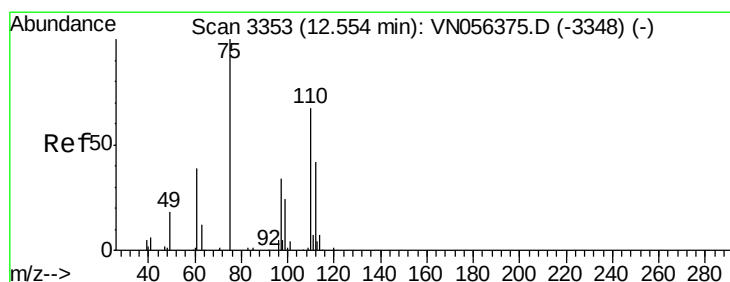
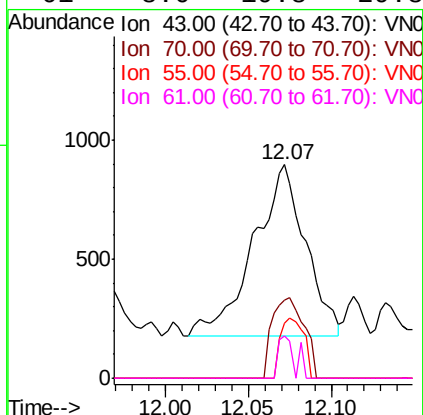
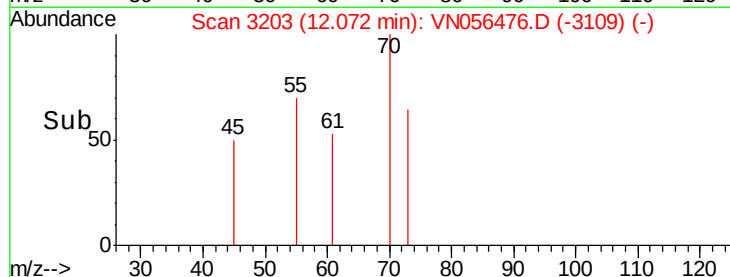
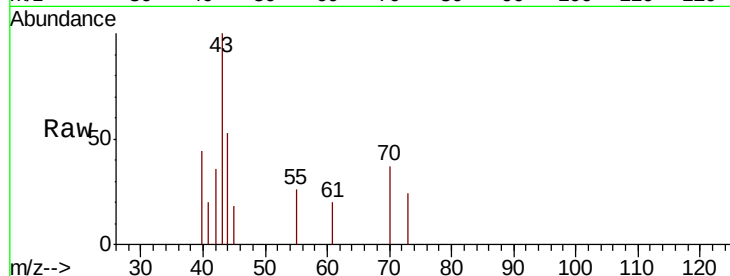




#74
N-amvl acetate
Concen: 0.259 ug/l
RT: 12.07 min Scan# 3203
Delta R.T. 0.00 min
Lab File: VN056476.D
Acq: 25 Jun 2019 11:10

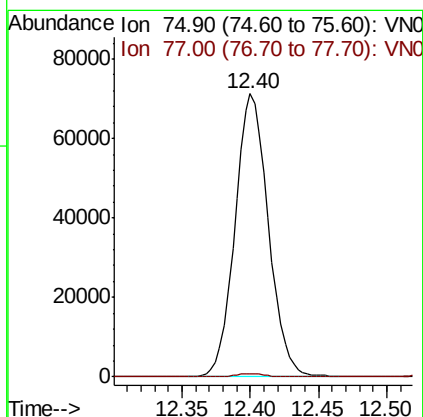
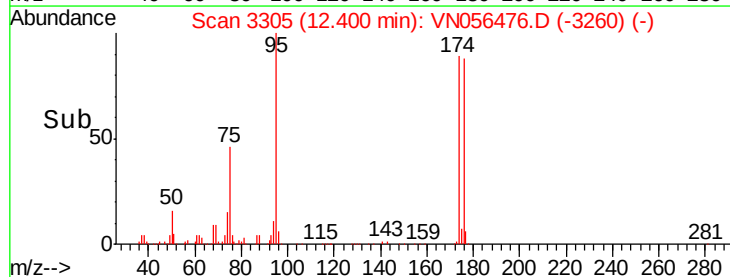
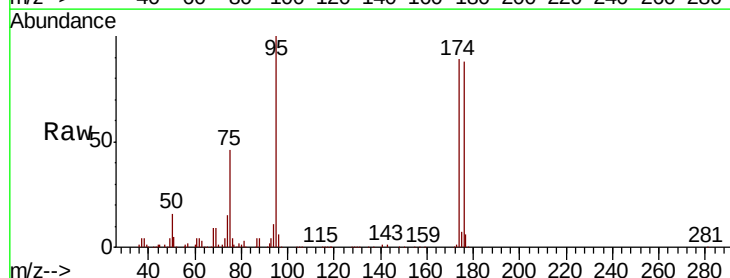
Instrument :
MSVOA_N
ClientSampled :
PB120881TB

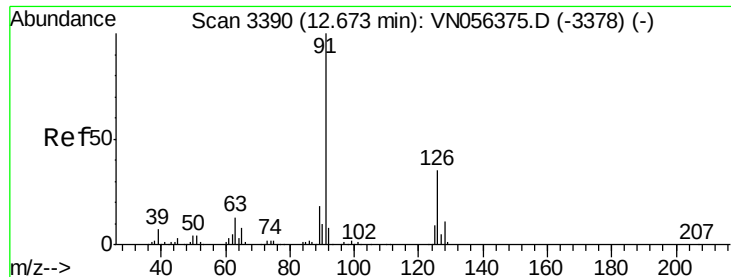
Tot Ion: 43 Resp: 1554
Ion Ratio Lower Upper
43 100
70 29.2 34.9 52.3#
55 15.7 20.4 30.6#
61 8.0 19.8 29.8#



#76
1,2,3-Trichloropropane
Concen: 30.908 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN056476.D
Acq: 25 Jun 2019 11:10

Tgt Ion: 75 Resp: 120948
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.78 min Scan# 3423

Delta R.T. 0.11 min

Lab File: VN056476.D

Acq: 25 Jun 2019 11:10

Instrument :

MSVOA_N

ClientSampled :

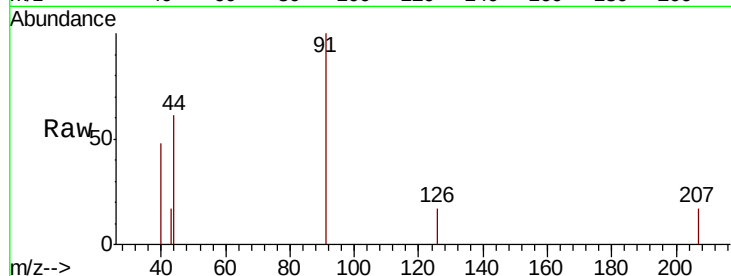
PB120881TB

Tot Ion: 91 Resp: 1340

Ion Ratio Lower Upper

91 100

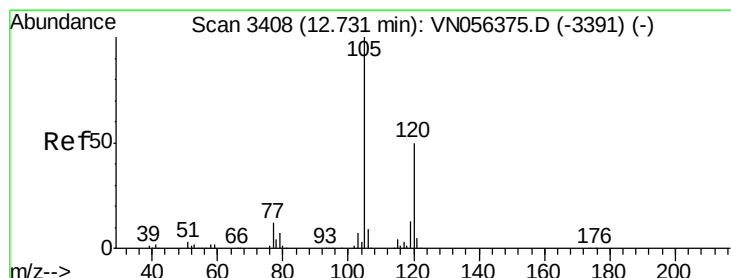
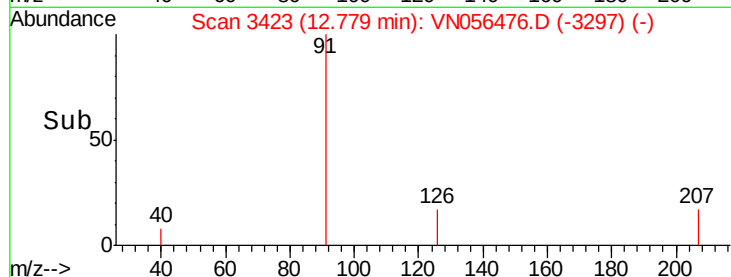
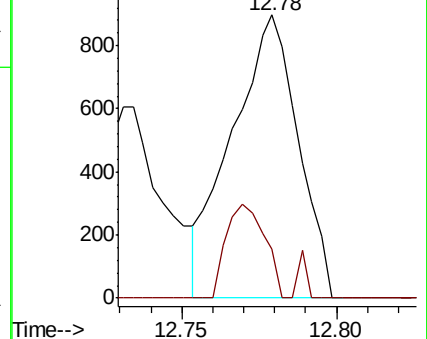
126 19.5 17.6 52.8



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

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

12.78



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056476.D

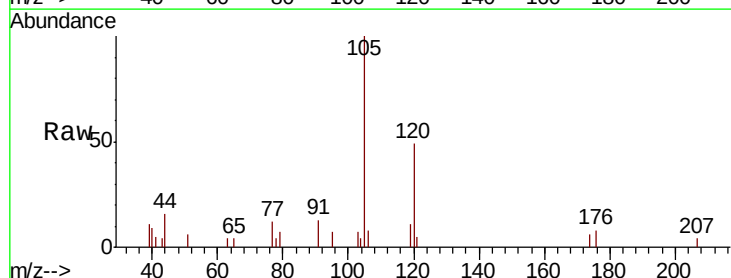
Acq: 25 Jun 2019 11:10

Tgt Ion: 105 Resp: 7269

Ion Ratio Lower Upper

105 100

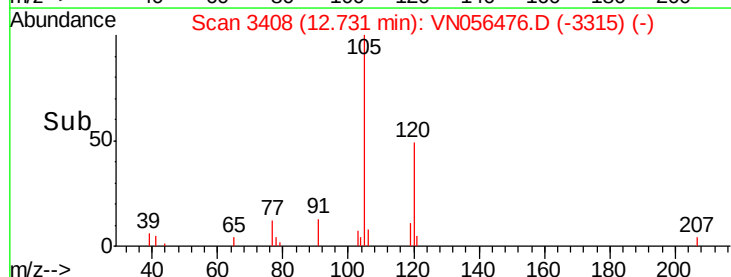
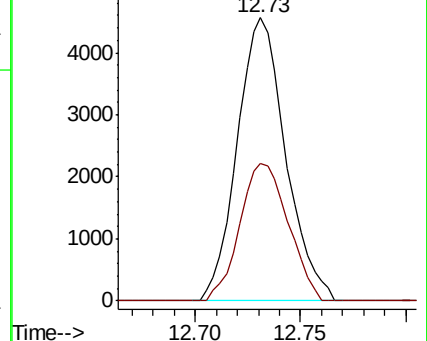
120 48.4 24.8 74.4

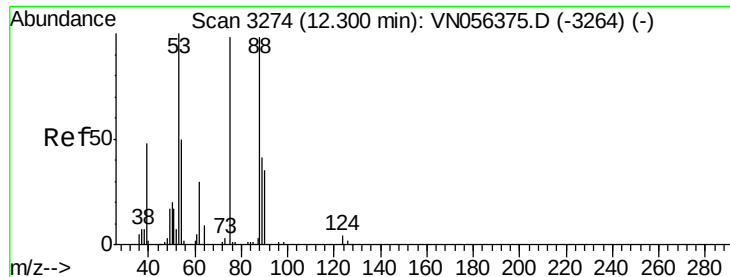


Abundance Ion 105.00 (104.70 to 105.70): VN056375.D (-3391) (-)

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

12.73

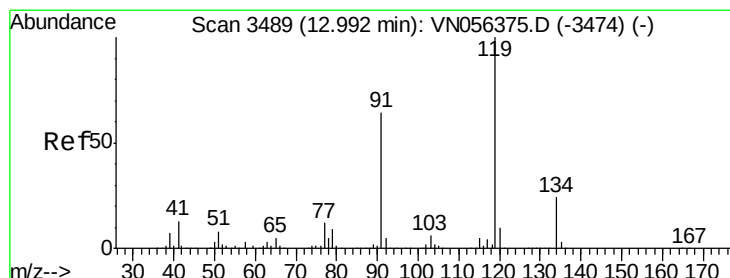
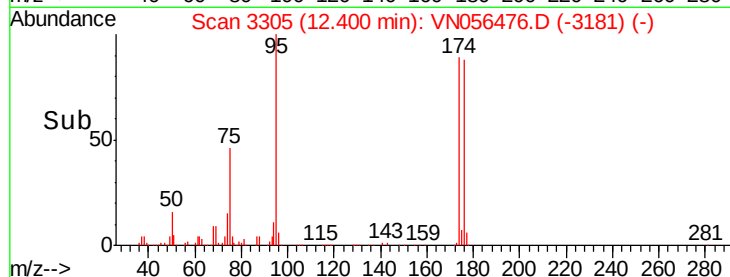
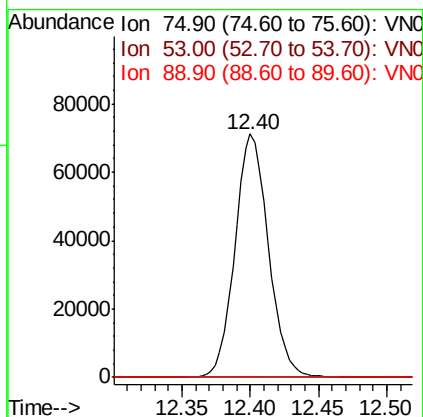
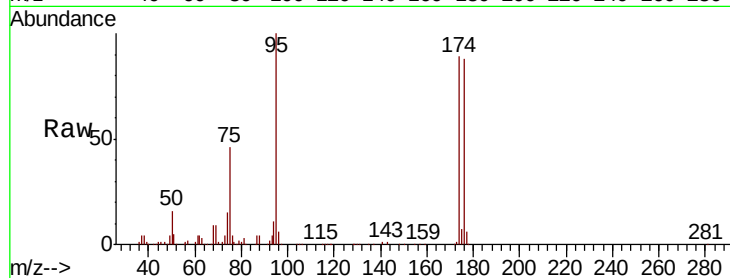




#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.853 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN056476.D
 Acq: 25 Jun 2019 11:10

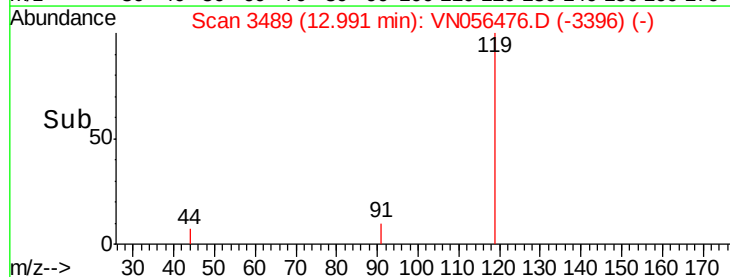
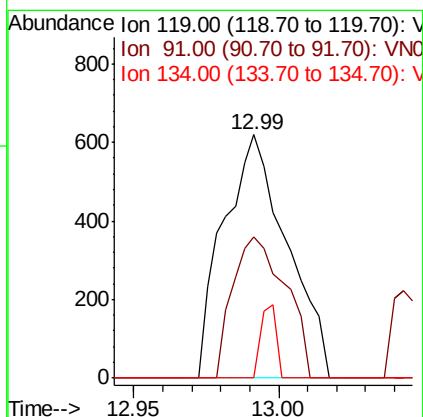
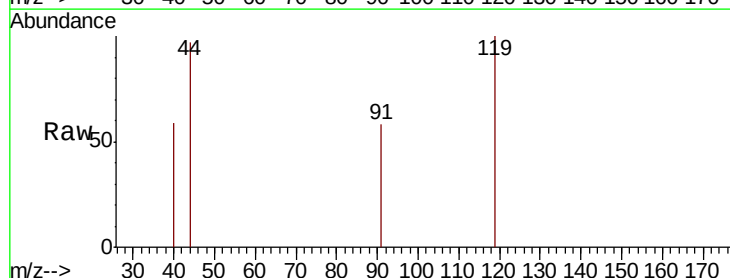
Instrument :
 MSVOA_N
 ClientSampleId :
 PB120881TB

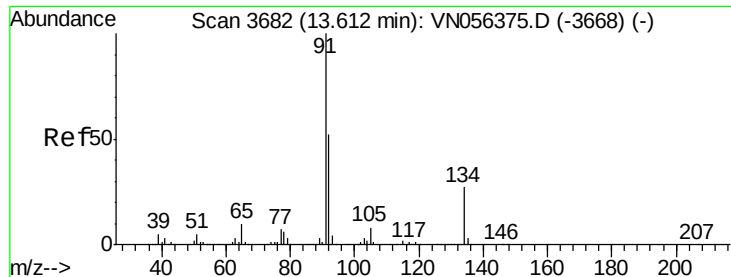
Tot Ion: 75 Resp: 120948
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.9 125.9#
 89 0.0 35.0 52.6#



#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056476.D
 Acq: 25 Jun 2019 11:10

Tgt Ion:119 Resp: 941
 Ion Ratio Lower Upper
 119 100
 91 48.0 31.6 94.7
 134 7.3 13.2 39.5#





#89

n-Butylbenzene

Concen: 0.270 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN056476.D

Acq: 25 Jun 2019 11:10

Instrument :

MSVOA_N

ClientSampleId :

PB120881TB

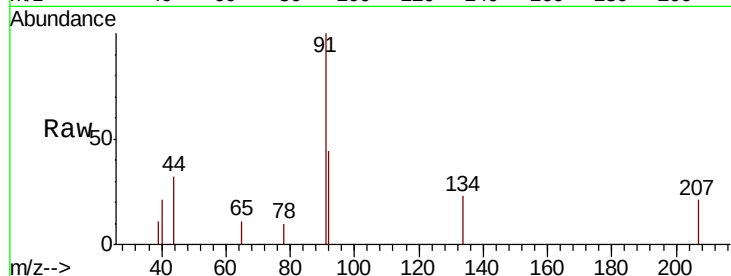
Tot Ion: 91 Resp: 2666

Ion Ratio Lower Upper

91 100

92 35.8 26.2 78.5

134 18.8 13.4 40.2

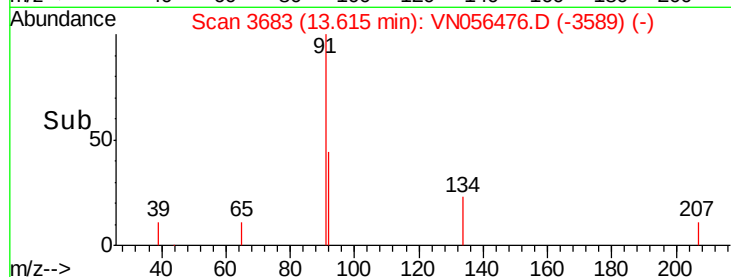


Abundance Ion 91.00 (90.70 to 91.70): VN0

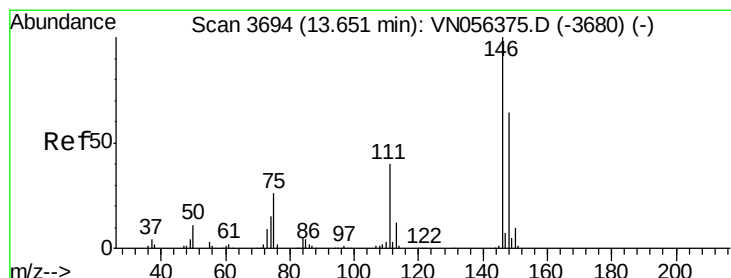
Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): VN0

Time-->



Time-->



#91

1,2-Dichlorobenzene

Concen: 0.225 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.01 min

Lab File: VN056476.D

Acq: 25 Jun 2019 11:10

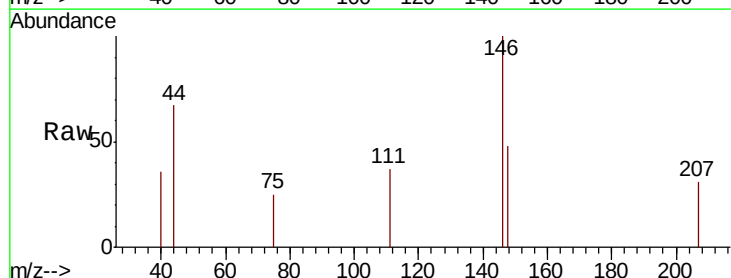
Tgt Ion: 146 Resp: 1428

Ion Ratio Lower Upper

146 100

111 34.2 19.3 57.9

148 55.7 32.0 96.0

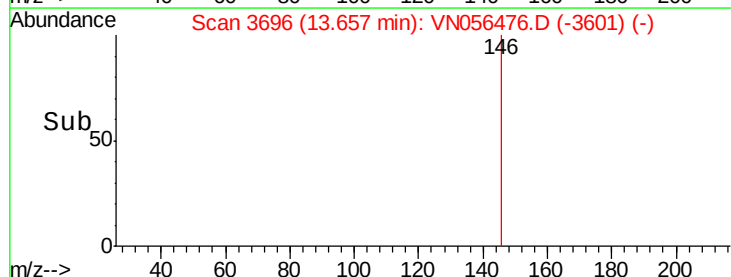


Abundance Ion 145.90 (145.60 to 146.60): VN0

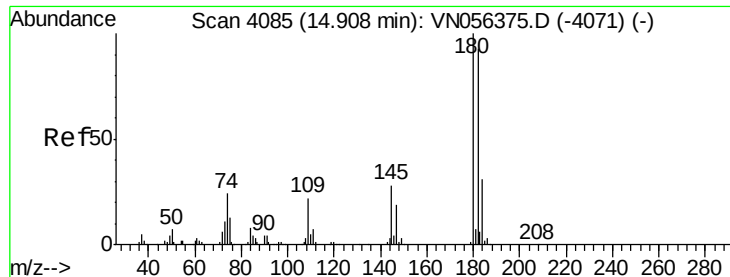
Ion 110.90 (110.60 to 111.60): VN0

Ion 147.90 (147.60 to 148.60): VN0

Time-->



Time-->



#93

1,2,4-Trichlorobenzene

Concen: 6.010 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN056476.D

Acq: 25 Jun 2019 11:10

Instrument :

MSVOA_N

ClientSampleId :

PB120881TB

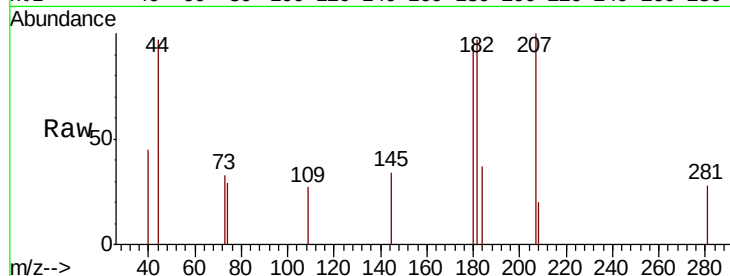
Tot Ion:180 Resp: 1475

Ion Ratio Lower Upper

180 100

182 108.2 46.9 140.6

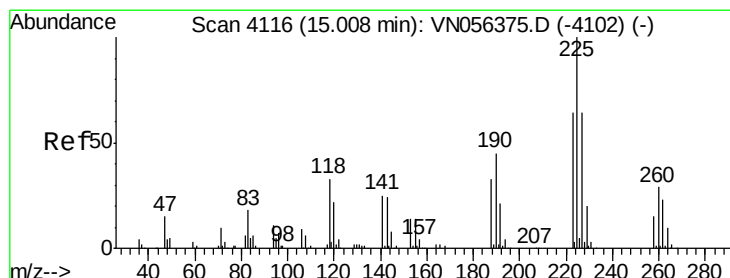
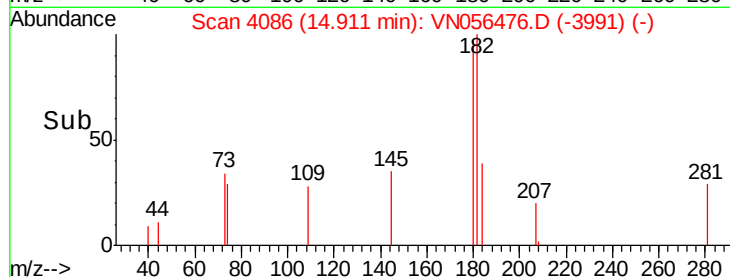
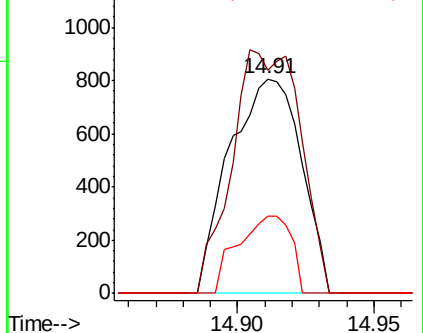
145 26.7 14.4 43.0



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: 15.00 min Scan# 4115

Delta R.T. -0.00 min

Lab File: VN056476.D

Acq: 25 Jun 2019 11:10

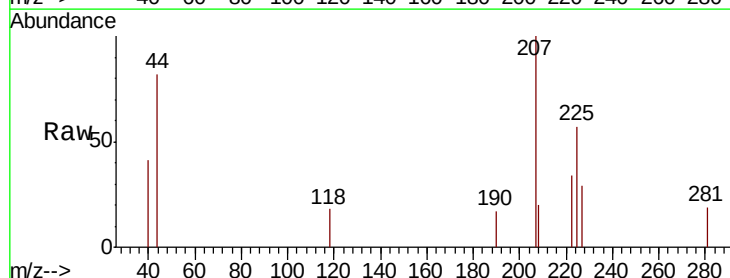
Tgt Ion:225 Resp: 792

Ion Ratio Lower Upper

225 100

223 65.2 31.4 94.3

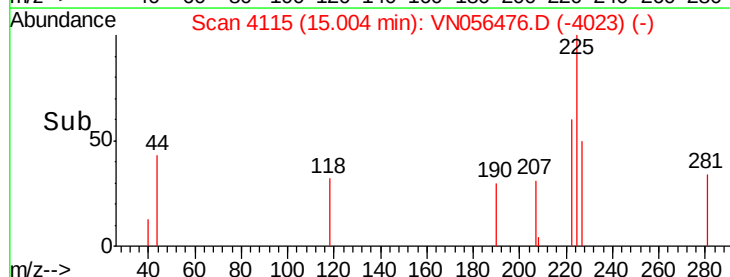
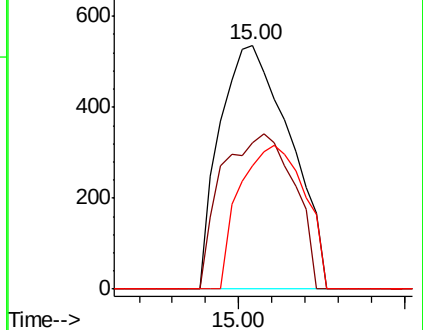
227 54.4 32.1 96.3

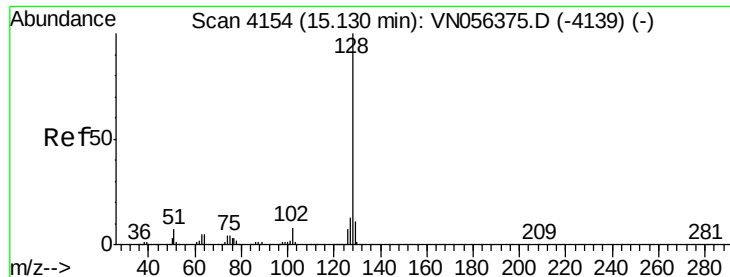


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 5.746 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056476.D

Acq: 25 Jun 2019 11:10

Instrument :

MSVOA_N

ClientSampleId :

PB120881TB

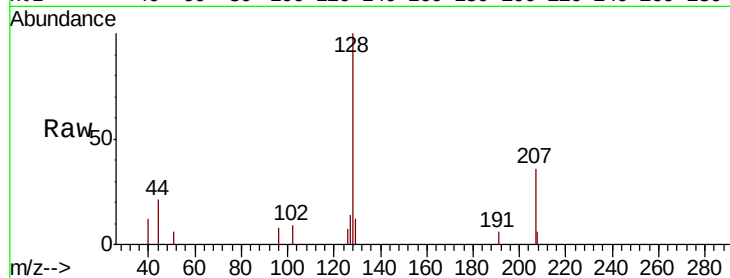
Tot Ion:128 Resp: 4840

Ion Ratio Lower Upper

128 100

127 10.1 10.2 15.2#

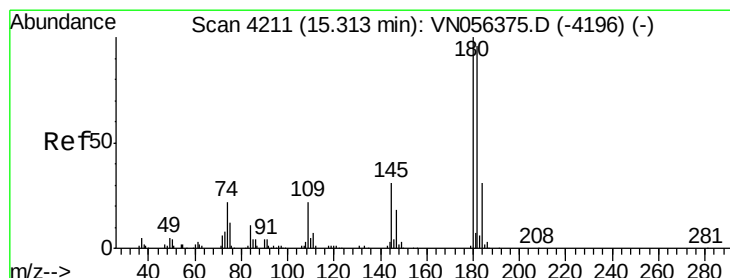
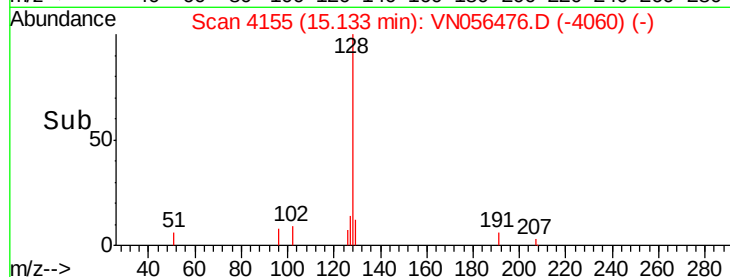
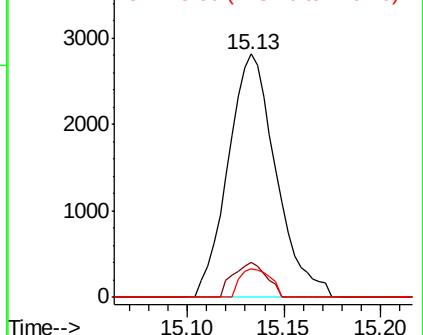
129 7.5 8.6 12.8#



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: 4.959 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN056476.D

Acq: 25 Jun 2019 11:10

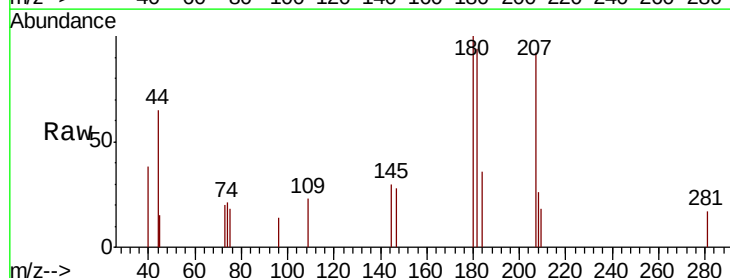
Tgt Ion:180 Resp: 1795

Ion Ratio Lower Upper

180 100

182 110.5 48.3 144.8

145 27.9 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

