

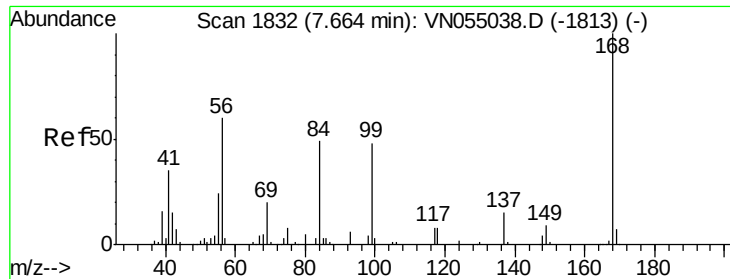
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041519\
 Data File : VN055059.D
 Acq On : 15 Apr 2019 22:39
 Operator : JC/SP
 Sample : K2390-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 3425

Quant Time: Apr 16 05:55:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	539052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	841734	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	718349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	235686	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	331886	46.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.64%	
35) Dibromofluoromethane	7.59	113	267639	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.16%	
50) Toluene-d8	10.09	98	1007333	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
62) 4-Bromofluorobenzene	12.40	95	297694	45.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.96%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.82	59	537	1.367	ug/l #	72
13) Acrolein	3.62	56	436	0.898	ug/l #	31
14) Allyl chloride	4.54	41	15146	1.446	ug/l #	28
16) Acetone	3.82	43	13233	6.804	ug/l #	87
18) Methyl Acetate	4.33	43	4014	0.281	ug/l #	78
20) Methylene Chloride	4.54	84	310214	45.375	ug/l	97
25) 2-Butanone	6.86	43	2754	0.949	ug/l #	53
30) Chloroform	7.37	83	2368	0.213	ug/l	91
31) Cyclohexane	7.66	56	11632	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	39097	4.927	ug/l #	48
38) Carbon Tetrachloride	7.66	117	47299	6.265	ug/l #	17
43) Isopropyl Acetate	8.17	43	13522	1.358	ug/l	97
48) Methyl methacrylate	9.18	41	6690	1.356	ug/l #	34
51) 4-Methyl-2-Pentanone	9.99	43	5933	1.032	ug/l	96
54) cis-1,3-Dichloropropene	9.91	75	43311	5.102	ug/l #	63
57) 1,3-Dichloropropane	10.77	76	7971	0.887	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.91	63	102	10.772	ug/l #	50
59) 2-Hexanone	10.76	43	133218	36.883	ug/l #	55
71) Bromoform	12.40	173	1714	0.562	ug/l #	1
74) N-amyl acetate	12.07	43	1974	0.335	ug/l #	64
76) 1,2,3-Trichloropropane	12.40	75	153855	36.302	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	7756	0.460	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.40	75	153855	145.166	ug/l #	2
84) 1,2,4-Trimethylbenzene	13.04	105	10146	0.634	ug/l	99
88) 1,4-Dichlorobenzene	13.28	146	1552	0.205	ug/l	89
89) n-Butylbenzene	13.61	91	3674	0.318	ug/l	97
93) 1,2,4-Trichlorobenzene	14.90	180	1862	3.165	ug/l	80
94) Hexachlorobutadiene	15.01	225	752	0.305	ug/l	79
95) Naphthalene	15.13	128	13435	4.571	ug/l #	97
96) 1,2,3-Trichlorobenzene	15.32	180	2302	0.748	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055059.D

Acq: 15 Apr 2019 22:39

Instrument :

MSVOA_N

ClientSampleId :

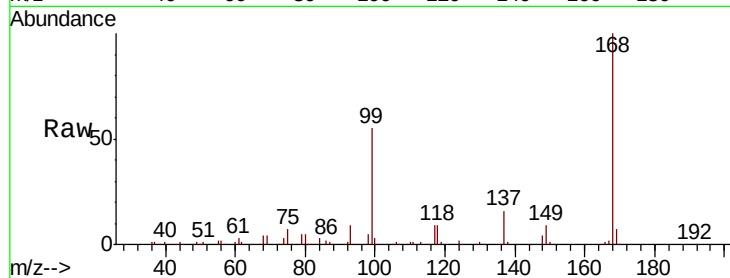
3425

Tot Ion:168 Resp: 539052

Ion Ratio Lower Upper

168 100

99 54.9 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): VN055038.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN055038.D (-1813) (-)

7.66

250000

200000

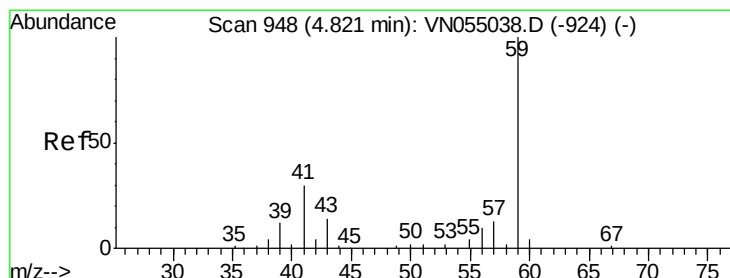
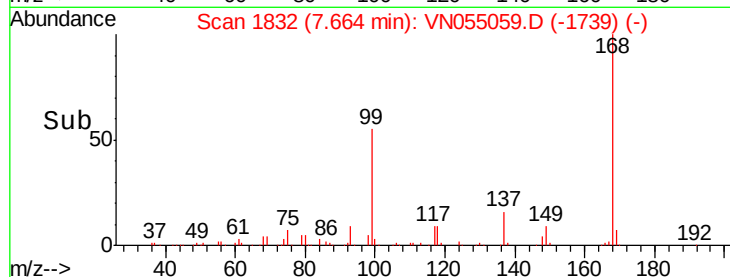
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#11

Tert butyl alcohol

Concen: 1.367 ug/l

RT: 4.82 min Scan# 948

Delta R.T. 0.00 min

Lab File: VN055059.D

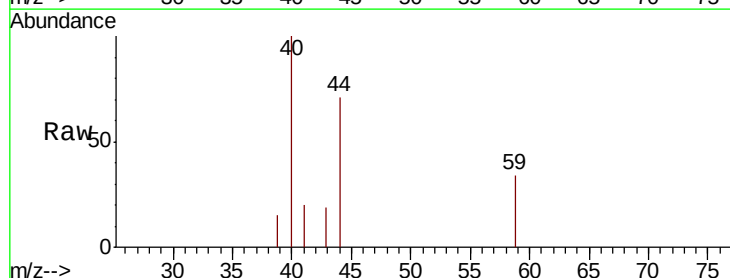
Acq: 15 Apr 2019 22:39

Tgt Ion: 59 Resp: 537

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN055038.D (-924) (-)

Ion 57.00 (56.70 to 57.70): VN055038.D (-924) (-)

4.82

400

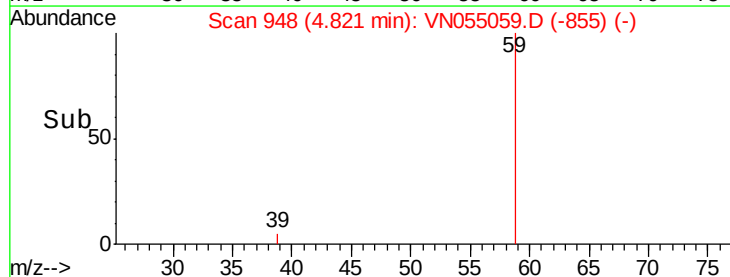
300

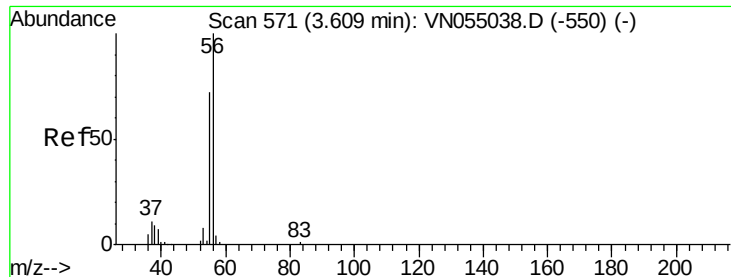
200

100

0

Time--> 4.80 4.82 4.84 4.86





#13

Acrolein

Concen: 0.898 ug/l

RT: 3.62 min Scan# 573

Delta R.T. 0.01 min

Lab File: VN055059.D

Acq: 15 Apr 2019 22:39

Instrument :

MSVOA_N

ClientSampleId :

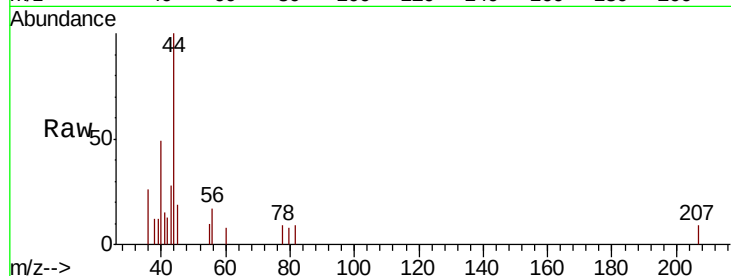
3425

Tot Ion: 56 Resp: 436

Ion Ratio Lower Upper

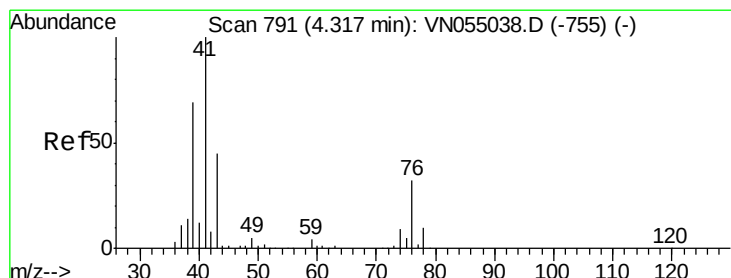
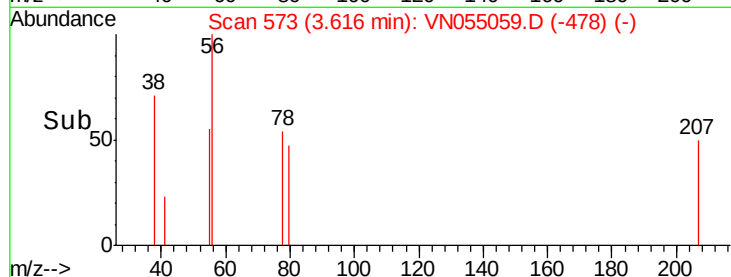
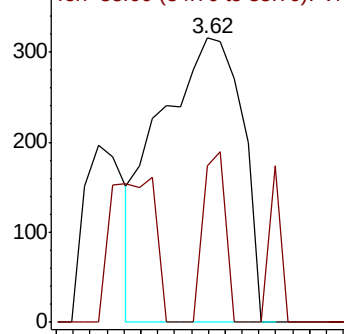
56 100

55 16.1 59.5 89.3#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 1.446 ug/l

RT: 4.54 min Scan# 862

Delta R.T. 0.23 min

Lab File: VN055059.D

Acq: 15 Apr 2019 22:39

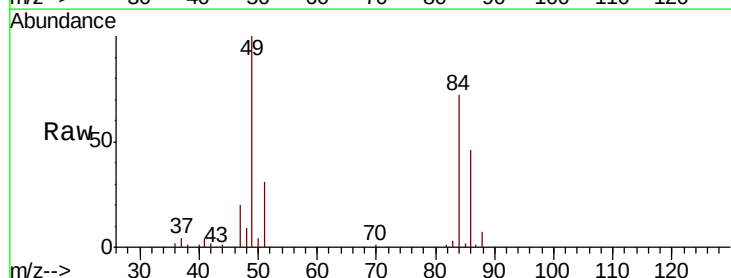
Tgt Ion: 41 Resp: 15146

Ion Ratio Lower Upper

41 100

39 2.3 52.7 79.1#

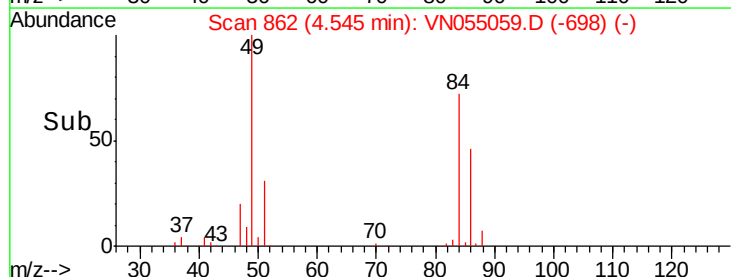
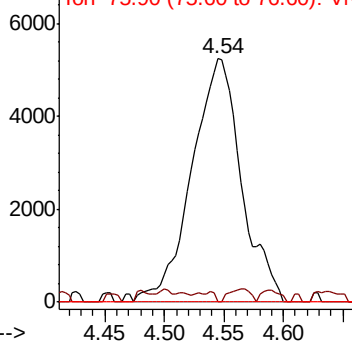
76 0.0 23.2 34.8#

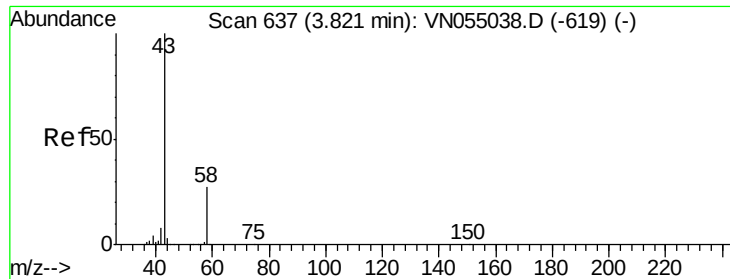


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#16

Acetone

Concen: 6.804 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN055059.D

Acq: 15 Apr 2019 22:39

Instrument :

MSVOA_N

ClientSampleId :

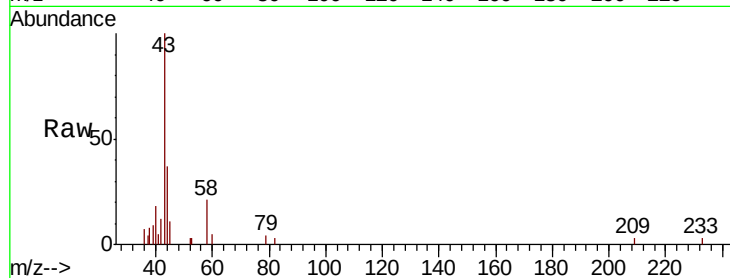
3425

Tot Ion: 43 Resp: 13233

Ion Ratio Lower Upper

43 100

58 19.2 20.9 31.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

6000

5000

4000

3000

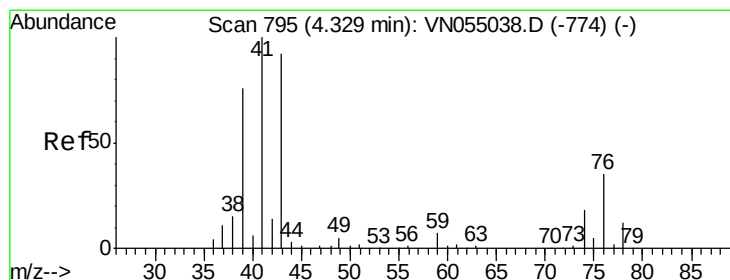
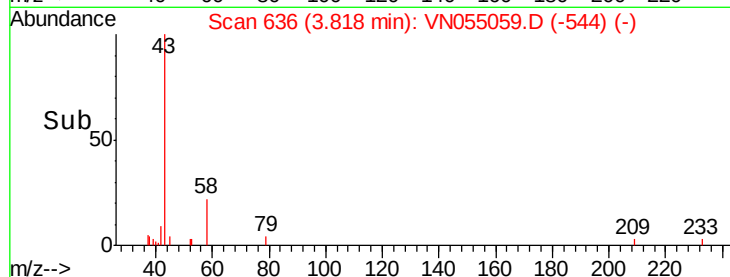
2000

1000

0

Time-->

3.75 3.80 3.85 3.90



#18

Methyl Acetate

Concen: 0.281 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN055059.D

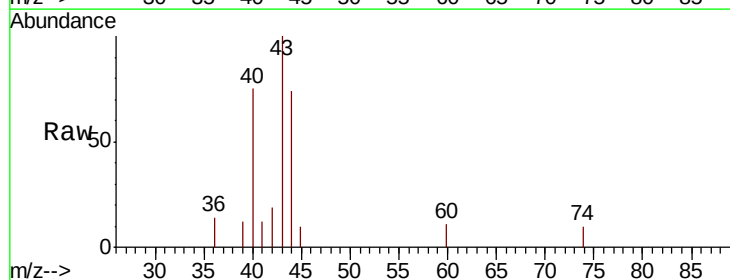
Acq: 15 Apr 2019 22:39

Tgt Ion: 43 Resp: 4014

Ion Ratio Lower Upper

43 100

74 10.0 16.1 24.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.33

1500

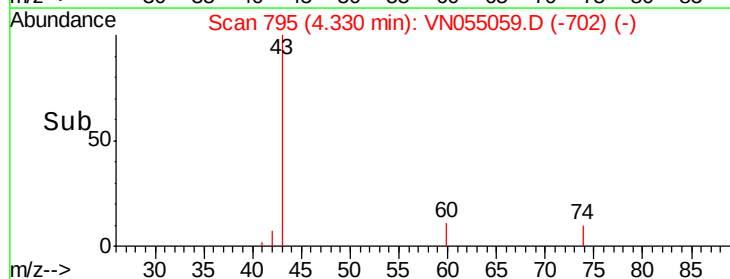
1000

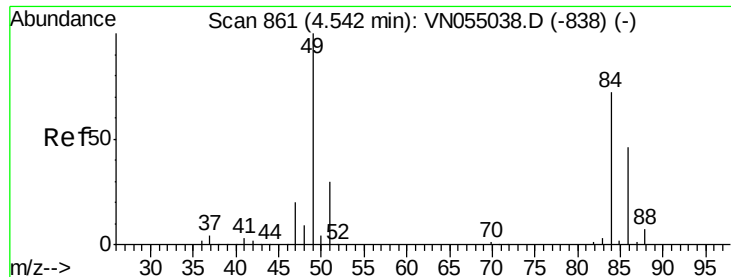
500

0

Time-->

4.25 4.30 4.35 4.40

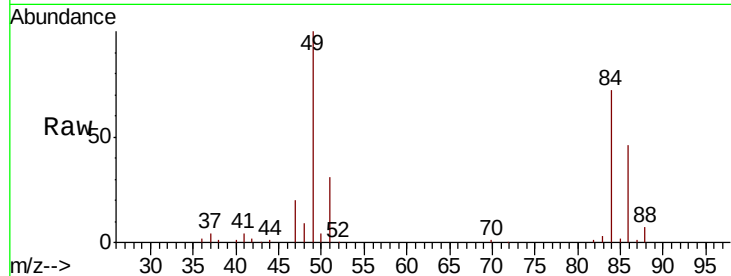




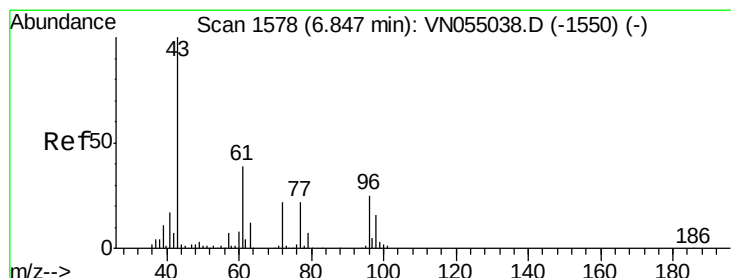
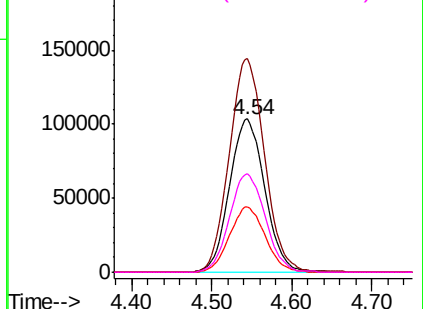
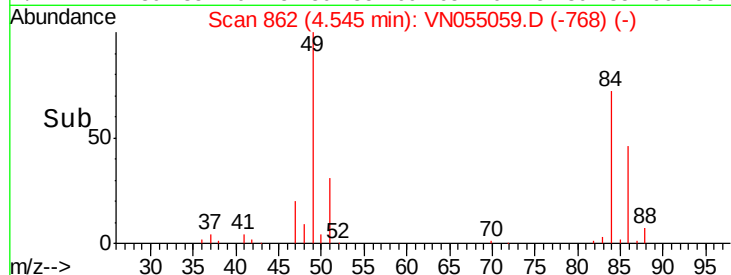
#20
Methvlene Chloride
Concen: 45.375 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN055059.D
Acq: 15 Apr 2019 22:39

Instrument :
MSVOA_N
ClientSampled :
3425

Tot Ion: 84 Resp: 310214
Ion Ratio Lower Upper
84 100
49 139.4 109.4 164.2
51 42.9 32.2 48.4
86 64.0 49.3 73.9

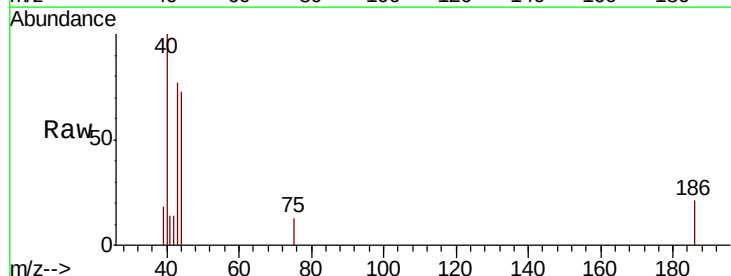


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

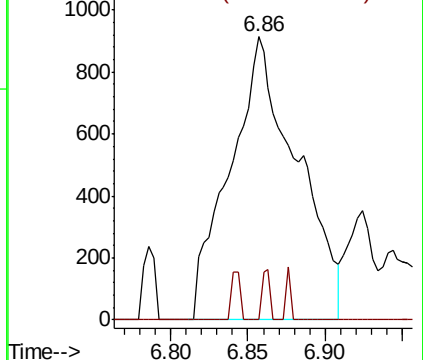
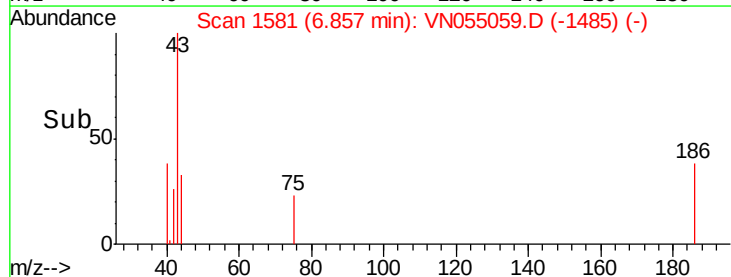


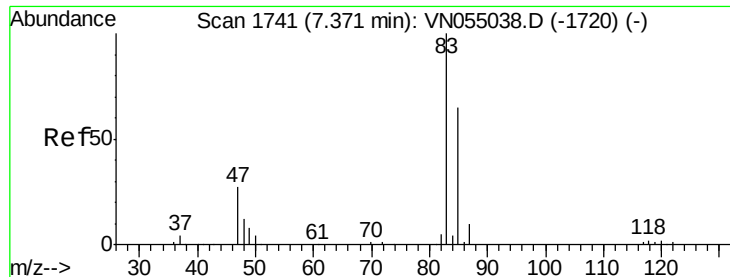
#25
2-Butanone
Concen: 0.949 ug/l
RT: 6.86 min Scan# 1581
Delta R.T. 0.01 min
Lab File: VN055059.D
Acq: 15 Apr 2019 22:39

Tgt Ion: 43 Resp: 2754
Ion Ratio Lower Upper
43 100
72 0.0 18.1 27.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0

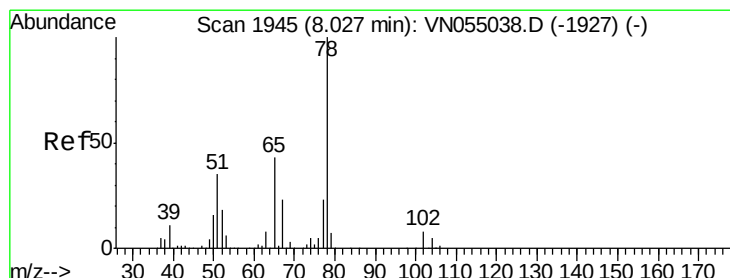
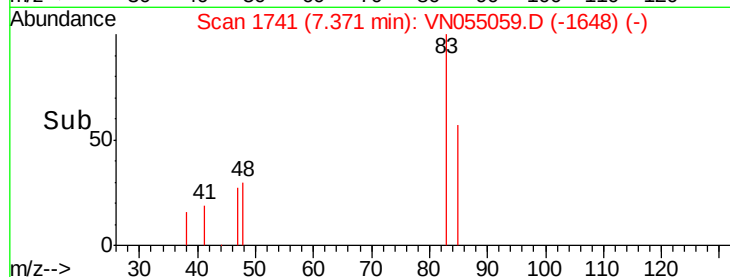
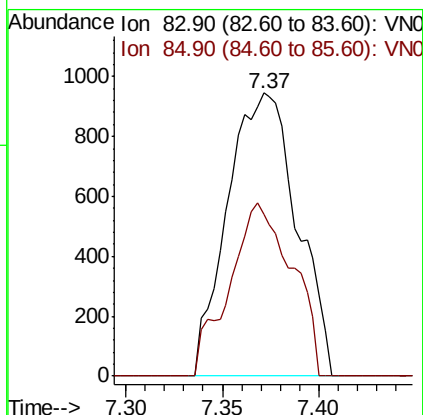
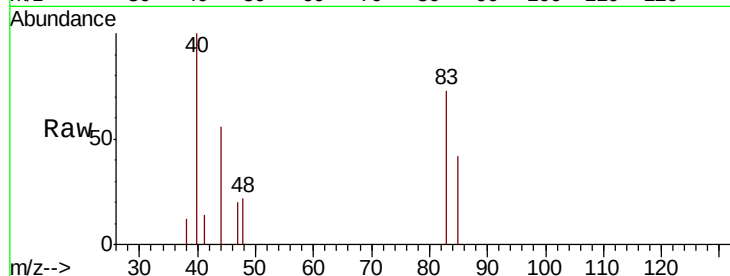




#30
 Chloroform
 Concen: 0.213 ug/l
 RT: 7.37 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VN055059.D
 Acq: 15 Apr 2019 22:39

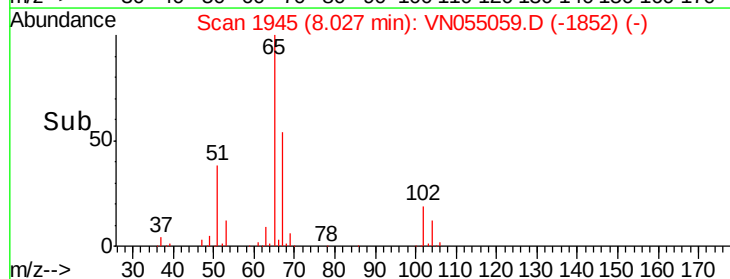
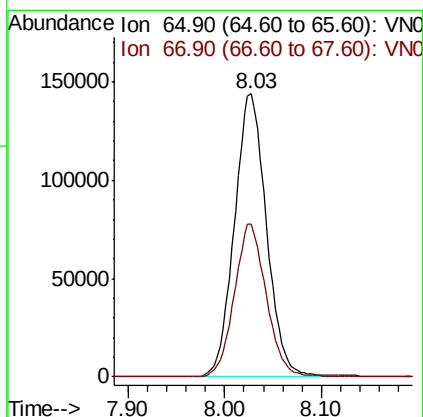
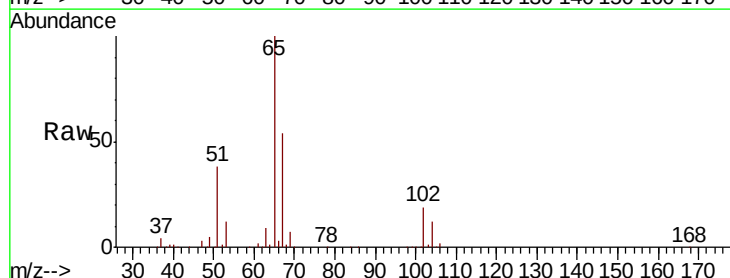
Instrument :
 MSVOA_N
 ClientSampled :
 3425

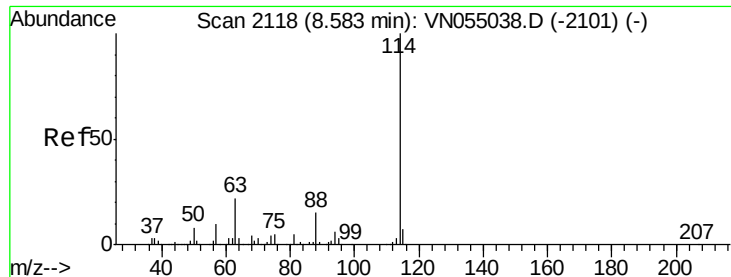
Tot Ion: 83 Resp: 2368
 Ion Ratio Lower Upper
 83 100
 85 57.2 51.8 77.6



#33
 1,2-Dichloroethane-d4
 Concen: 46.318 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055059.D
 Acq: 15 Apr 2019 22:39

Tgt Ion: 65 Resp: 331886
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN055059.D

Acq: 15 Apr 2019 22:39

Instrument :

MSVOA_N

ClientSampled :

3425

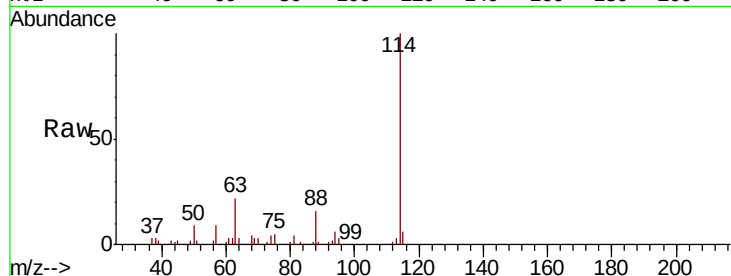
Tot Ion:114 Resp: 841734

Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.2

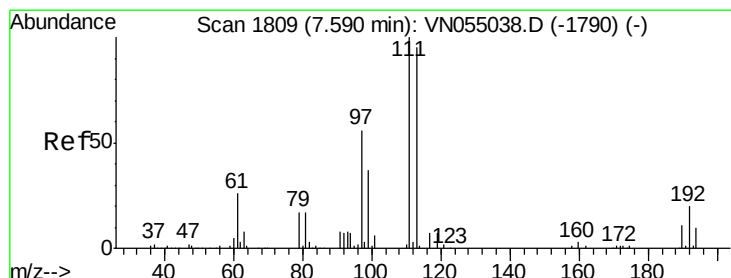
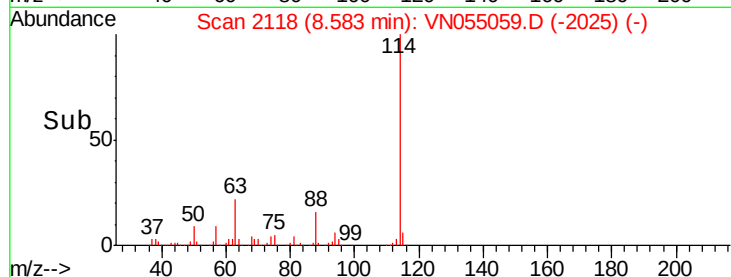
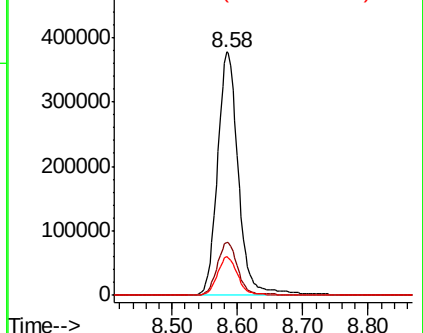
88 15.8 0.0 31.8



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: 47.577 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055059.D

Acq: 15 Apr 2019 22:39

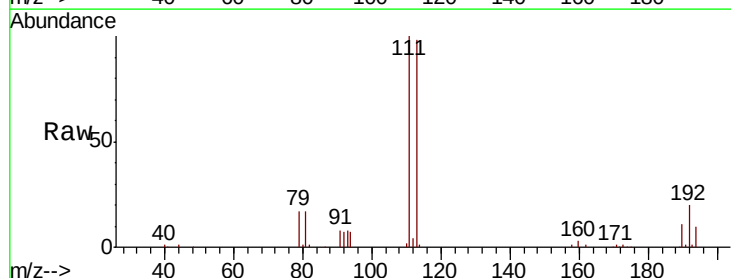
Tgt Ion:113 Resp: 267639

Ion Ratio Lower Upper

113 100

111 102.8 82.1 123.1

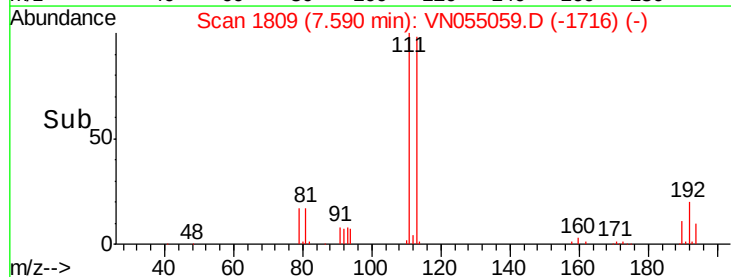
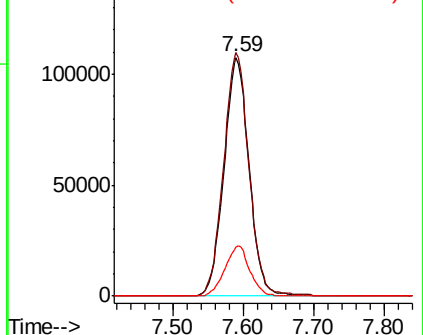
192 20.8 16.5 24.7

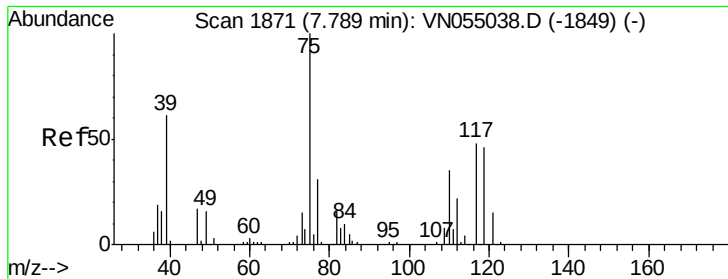


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

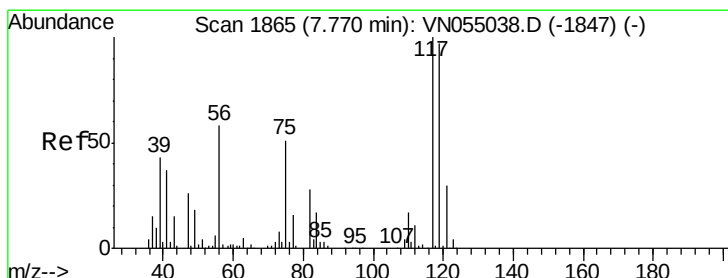
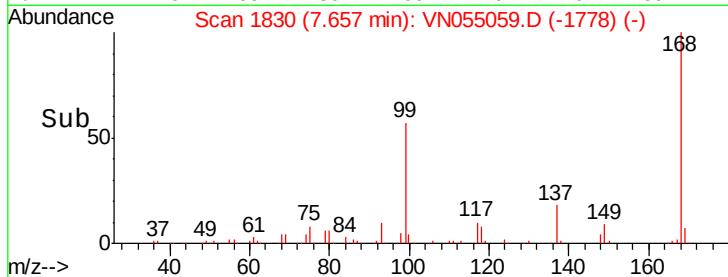
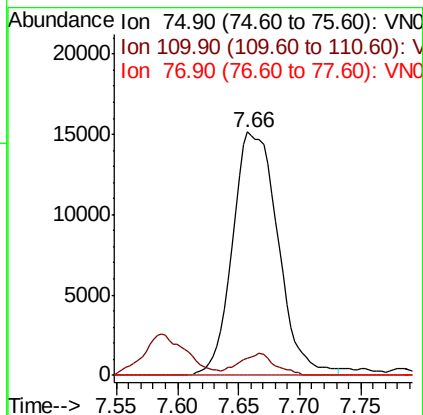
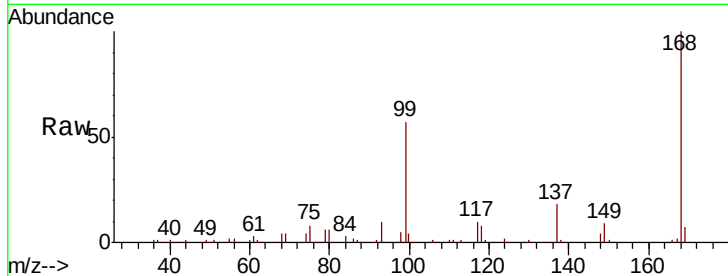




#36
 1,1-Dichloropropene
 Concen: 4.927 ug/l
 RT: 7.66 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN055059.D
 Acq: 15 Apr 2019 22:39

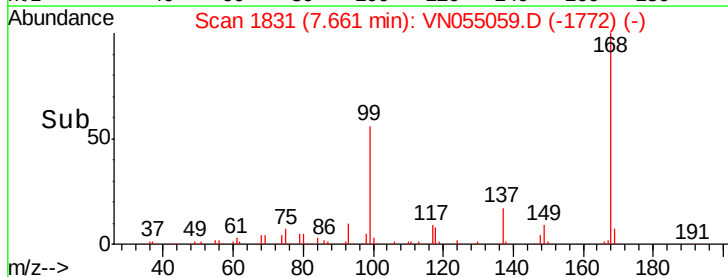
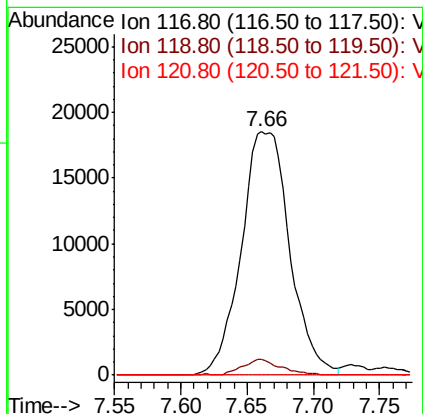
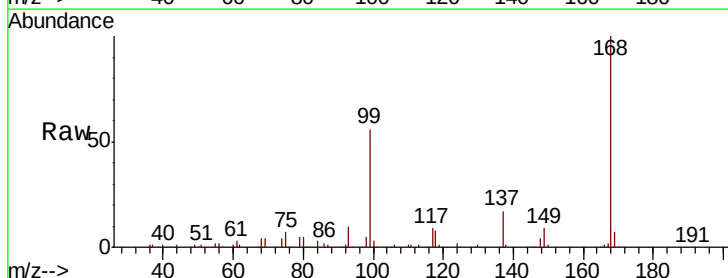
Instrument :
 MSVOA_N
 ClientSampleId :
 3425

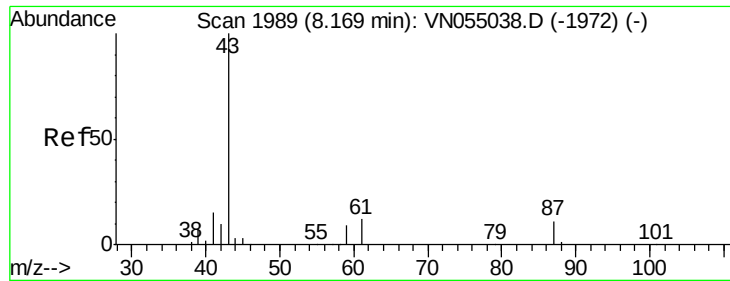
Tot Ion: 75 Resp: 39097
 Ion Ratio Lower Upper
 75 100
 110 7.1 17.5 52.5#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.265 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.11 min
 Lab File: VN055059.D
 Acq: 15 Apr 2019 22:39

Tgt Ion: 117 Resp: 47299
 Ion Ratio Lower Upper
 117 100
 119 6.4 76.3 114.5#
 121 0.0 23.9 35.9#





#43

Isopropyl Acetate

Concen: 1.358 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN055059.D

Acq: 15 Apr 2019 22:39

Instrument :

MSVOA_N

ClientSampleId :

3425

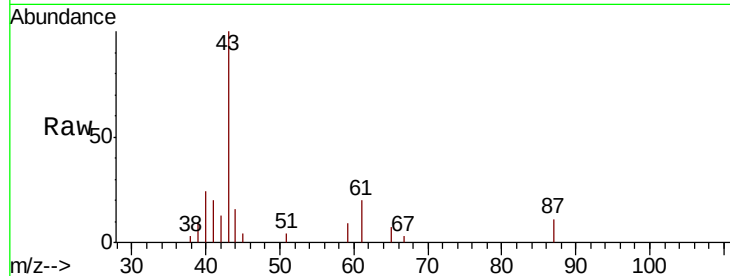
Tot Ion: 43 Resp: 13522

Ion Ratio Lower Upper

43 100

61 19.6 14.3 21.5

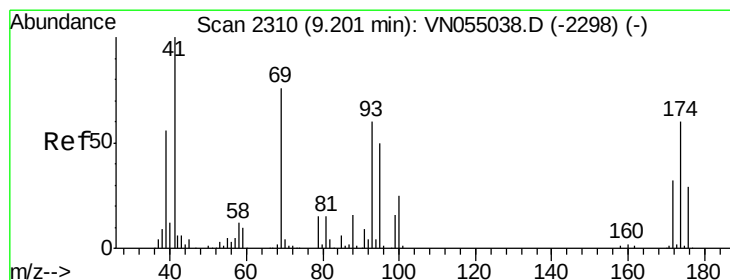
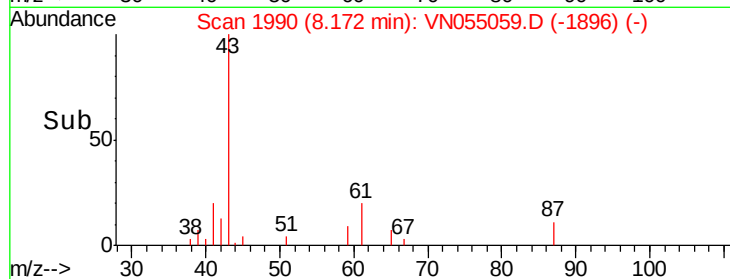
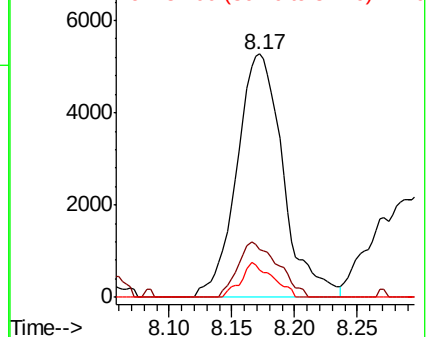
87 9.8 8.6 13.0



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



#48

Methyl methacrylate

Concen: 1.356 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.02 min

Lab File: VN055059.D

Acq: 15 Apr 2019 22:39

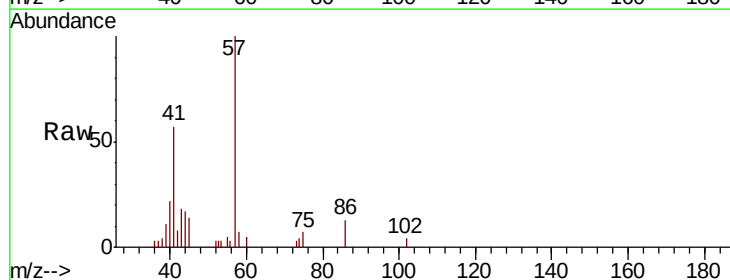
Tgt Ion: 41 Resp: 6690

Ion Ratio Lower Upper

41 100

69 0.4 60.5 90.7#

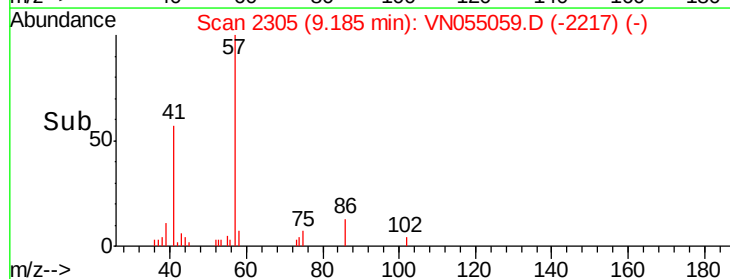
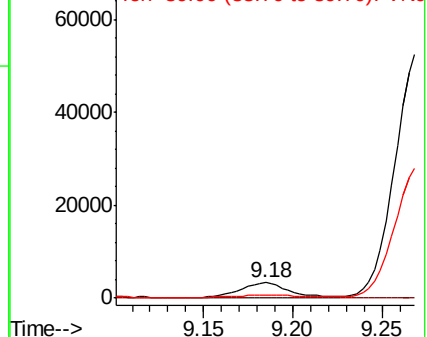
39 28.5 43.9 65.9#

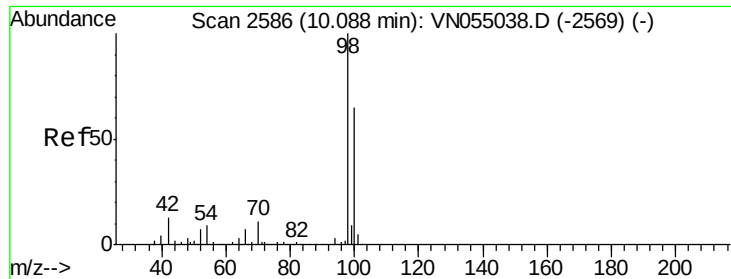


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#50

Toluene-d8

Concen: 50.032 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN055059.D

Acq: 15 Apr 2019 22:39

Instrument :

MSVOA_N

ClientSampled :

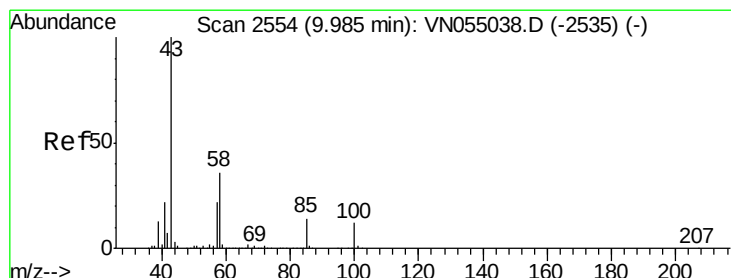
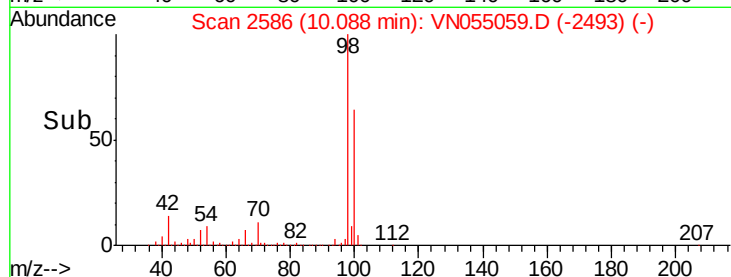
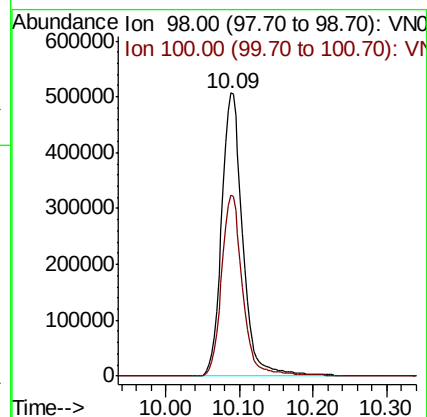
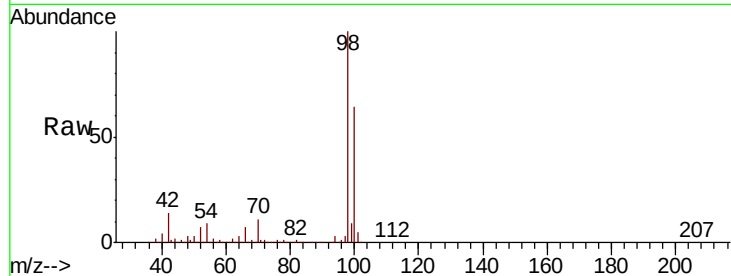
3425

Tot Ion: 98 Resp: 1007333

Ion Ratio Lower Upper

98 100

100 63.6 51.1 76.7



#51

4-Methyl-2-Pentanone

Concen: 1.032 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055059.D

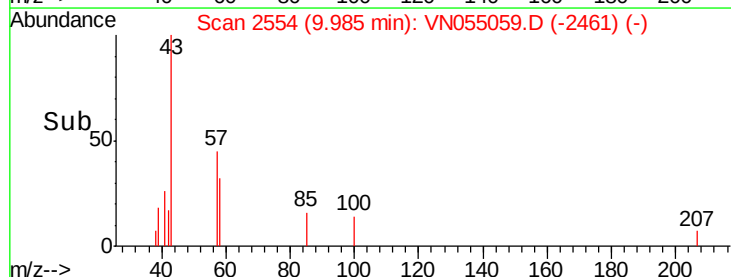
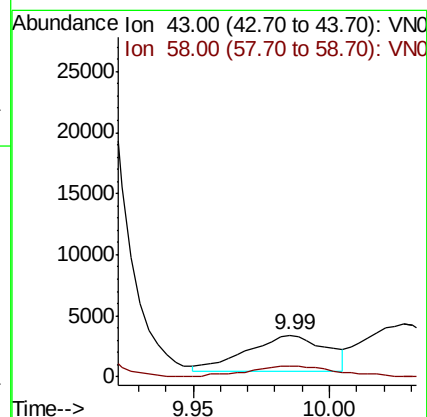
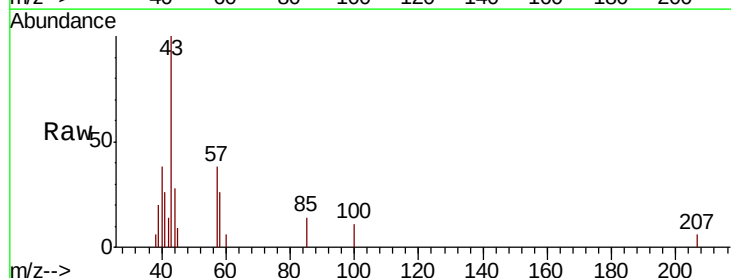
Acq: 15 Apr 2019 22:39

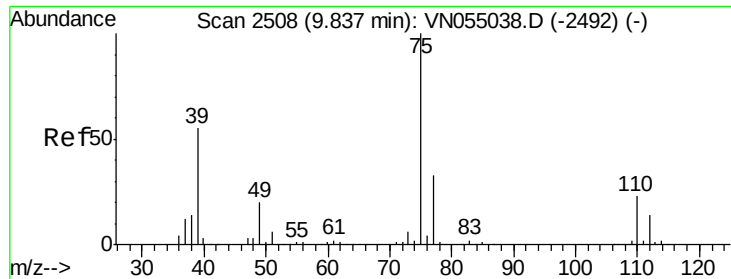
Tgt Ion: 43 Resp: 5933

Ion Ratio Lower Upper

43 100

58 33.8 29.0 43.4





#54

cis-1,3-Dichloropropene

Concen: 5.102 ug/l

RT: 9.91 min Scan# 2530

Delta R.T. 0.07 min

Lab File: VN055059.D

Acq: 15 Apr 2019 22:39

Instrument :

MSVOA_N

ClientSampleId :

3425

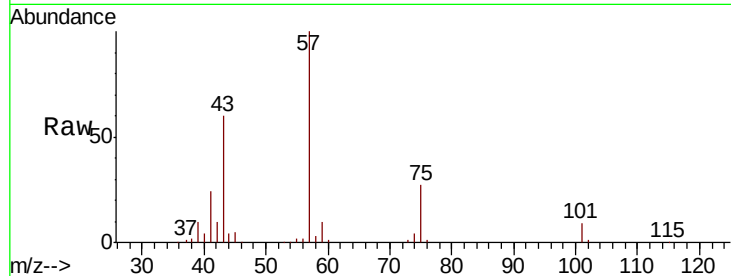
Tot Ion: 75 Resp: 43311

Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.6#

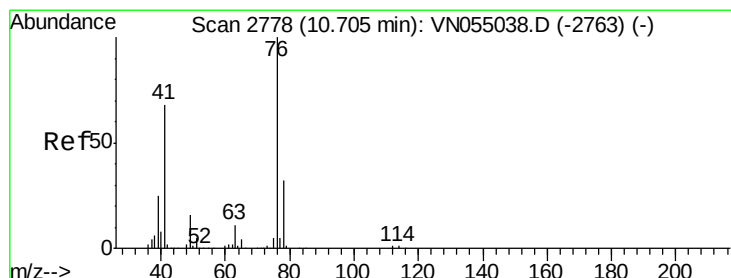
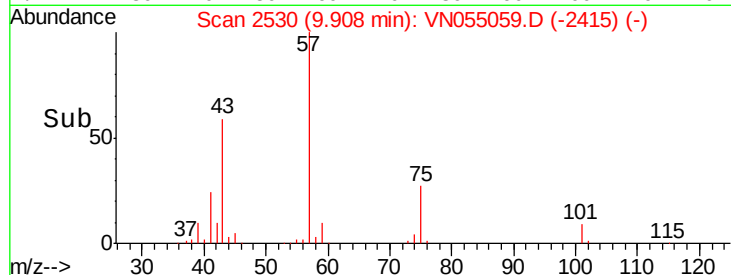
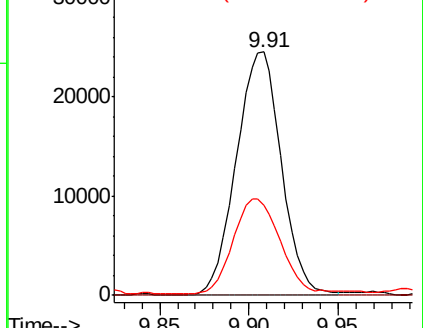
39 36.4 43.8 65.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 0.887 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.06 min

Lab File: VN055059.D

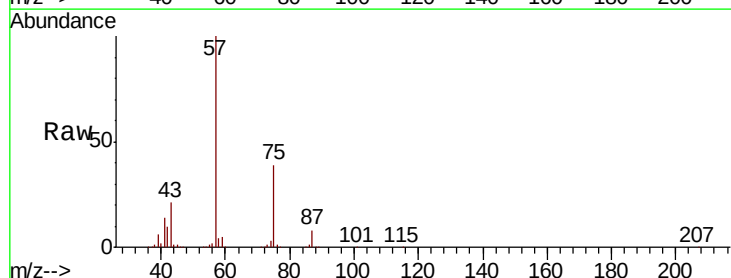
Acq: 15 Apr 2019 22:39

Tgt Ion: 76 Resp: 7971

Ion Ratio Lower Upper

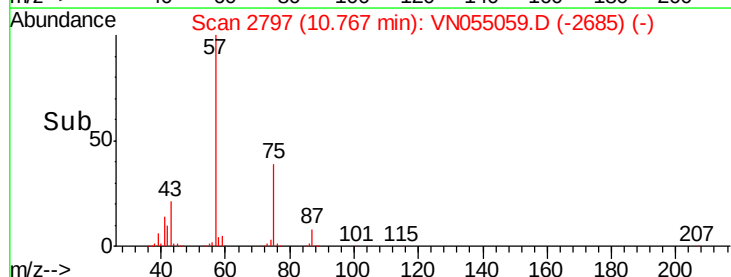
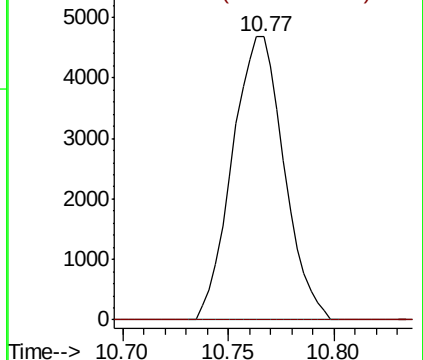
76 100

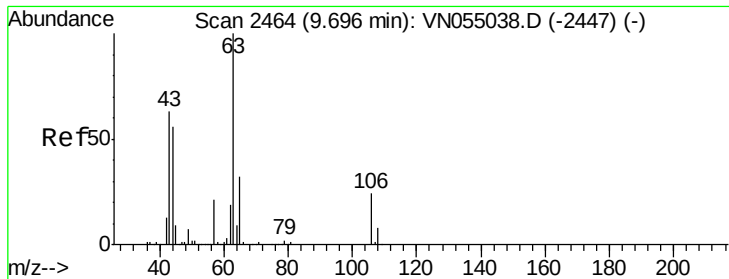
78 0.0 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

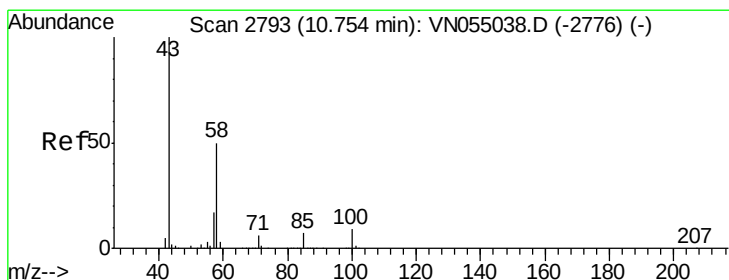
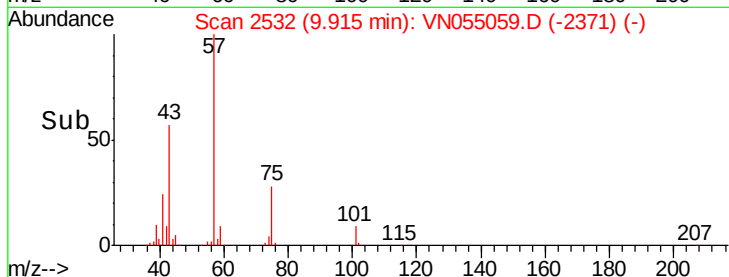
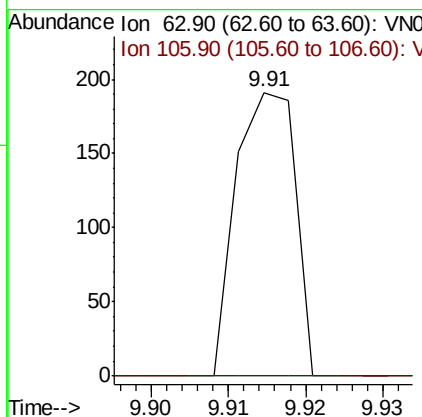
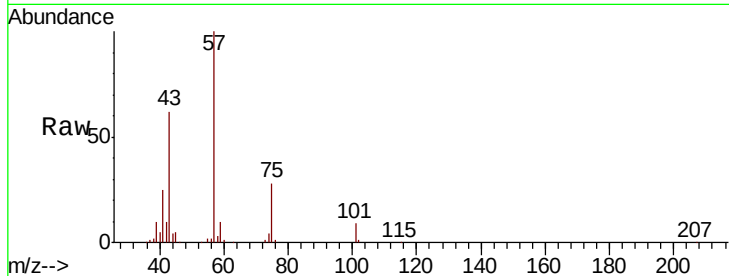




#58
 2-Chloroethyl Vinyl ether
 Concen: 10.772 ug/l
 RT: 9.91 min Scan# 2532
 Delta R.T. 0.22 min
 Lab File: VN055059.D
 Acq: 15 Apr 2019 22:39

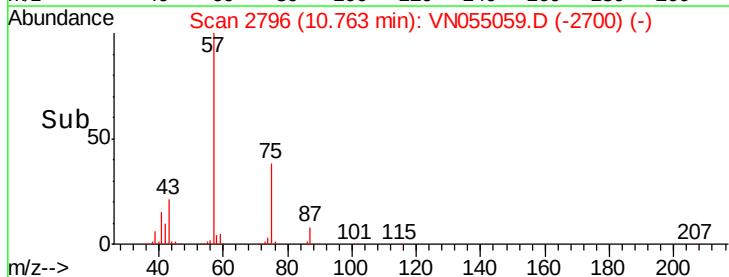
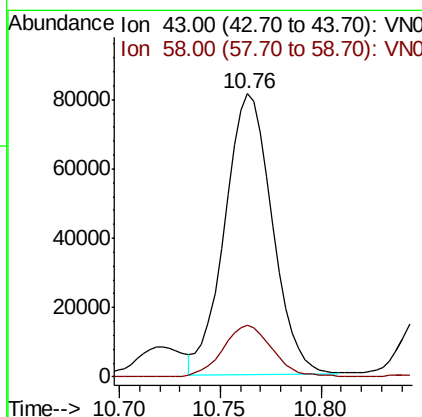
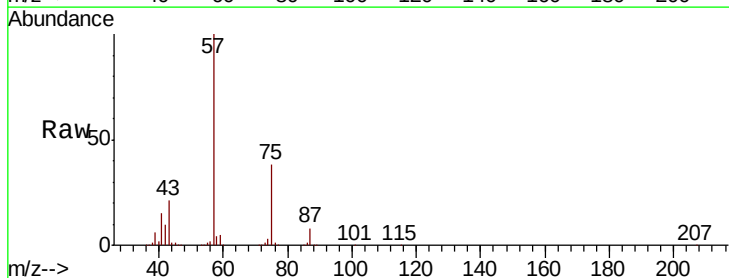
Instrument :
 MSVOA_N
 ClientSampleId :
 3425

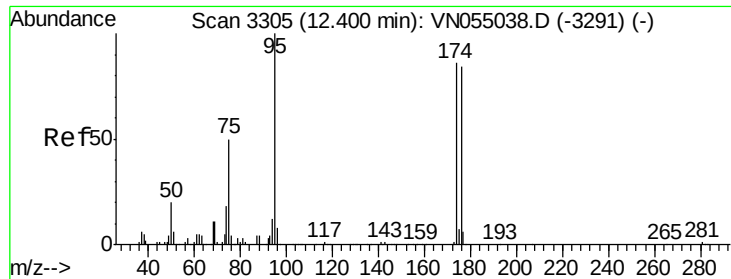
Tot Ion: 63 Resp: 102
 Ion Ratio Lower Upper
 63 100
 106 0.0 20.0 30.0#



#59
 2-Hexanone
 Concen: 36.883 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN055059.D
 Acq: 15 Apr 2019 22:39

Tgt Ion: 43 Resp: 133218
 Ion Ratio Lower Upper
 43 100
 58 19.3 25.1 75.2#

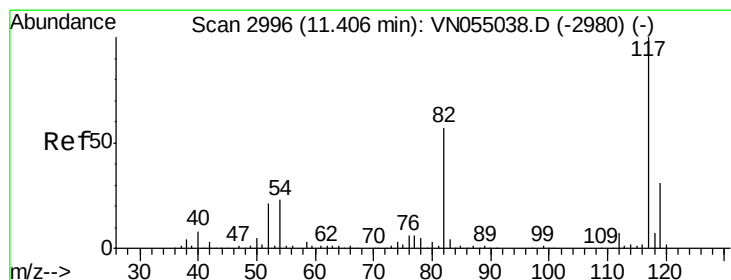
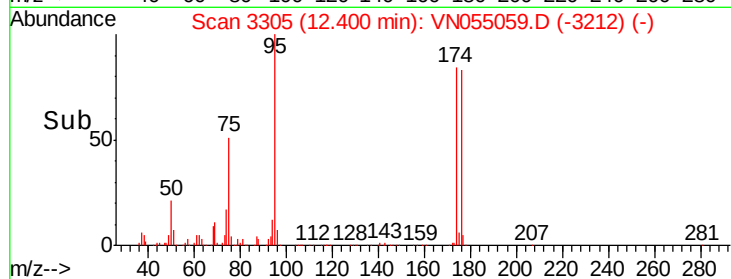
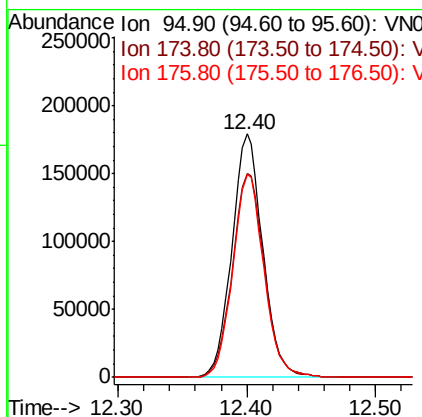
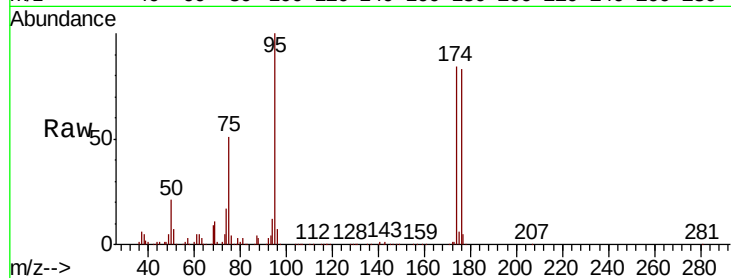




#62
4-Bromofluorobenzene
Concen: 45.481 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055059.D
Acq: 15 Apr 2019 22:39

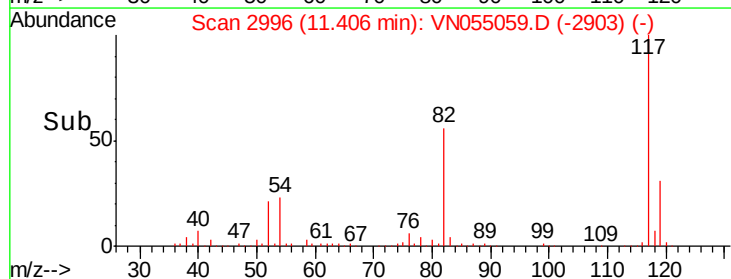
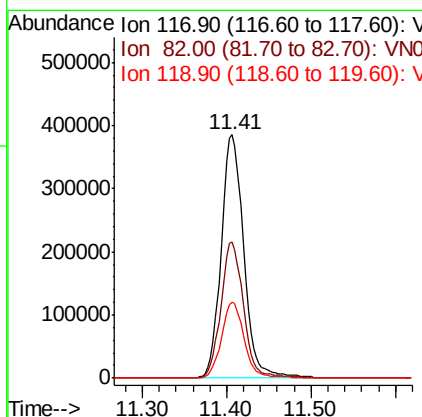
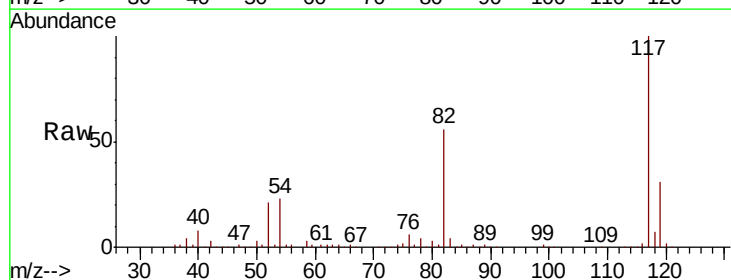
Instrument :
MSVOA_N
ClientSampleId :
3425

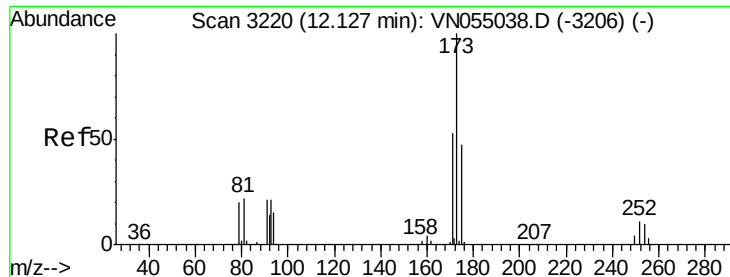
Tot Ion	95	Resp	297694
Ion Ratio	Lower	Upper	
95	100		
174	86.9	0.0	174.4
176	84.1	0.0	166.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055059.D
Acq: 15 Apr 2019 22:39

Tgt Ion	117	Resp	718349
Ion Ratio	Lower	Upper	
117	100		
82	56.0	44.6	66.8
119	31.4	25.5	38.3





#71

Bromoform

Concen: 0.562 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.27 min

Lab File: VN055059.D

Acq: 15 Apr 2019 22:39

Instrument :

MSVOA_N

ClientSampled :

3425

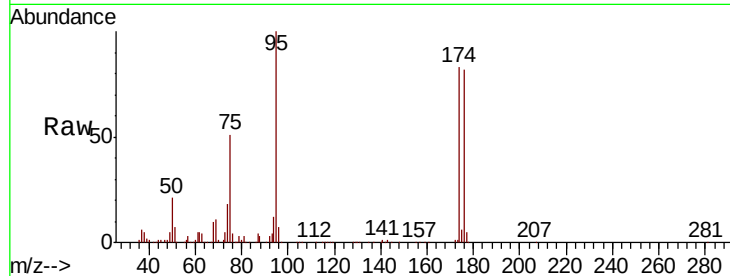
Tot Ion:173 Resp: 1714

Ion Ratio Lower Upper

173 100

175 957.9 24.3 73.0#

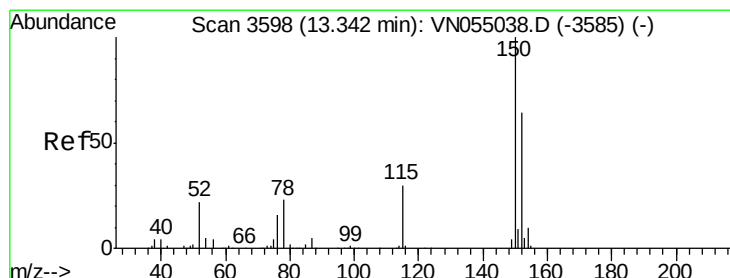
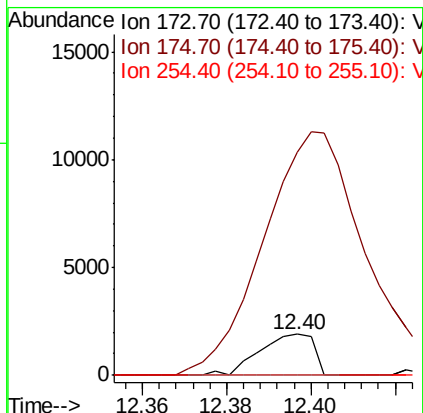
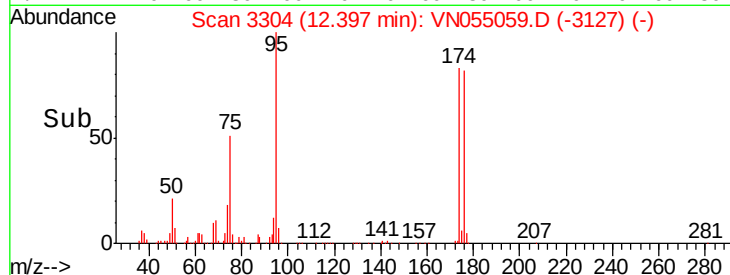
254 0.0 0.1 0.1#



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: VN055059.D

Acq: 15 Apr 2019 22:39

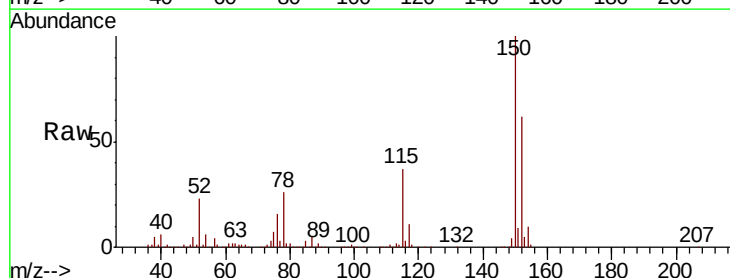
Tgt Ion:152 Resp: 235686

Ion Ratio Lower Upper

152 100

115 58.3 28.5 85.6

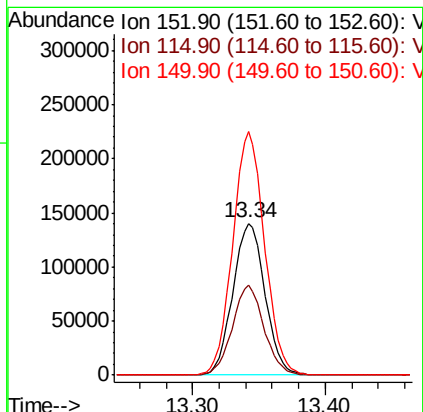
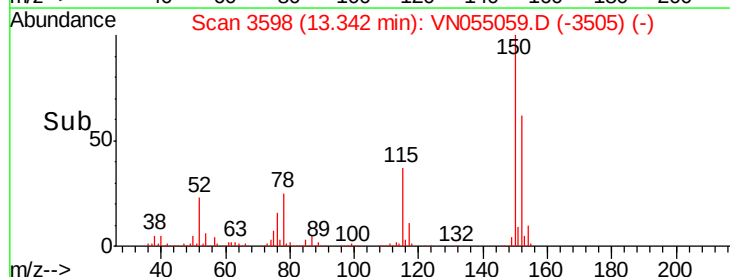
150 158.9 0.0 347.2

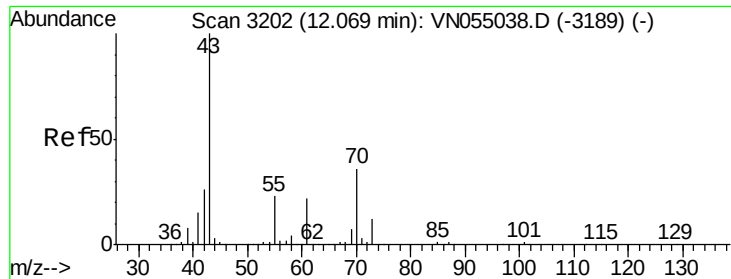


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.335 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN055059.D

Acq: 15 Apr 2019 22:39

Instrument :

MSVOA_N

ClientSampled :

3425

Tot Ion: 43 Resp: 1974

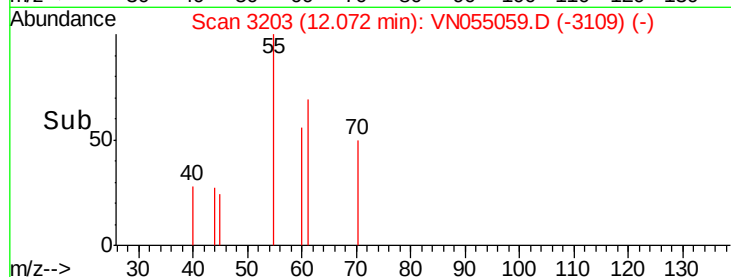
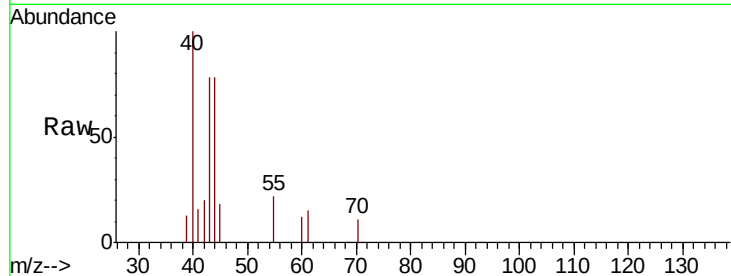
Ion Ratio Lower Upper

43 100

70 9.3 29.4 44.0#

55 13.8 19.0 28.4#

61 5.7 17.7 26.5#

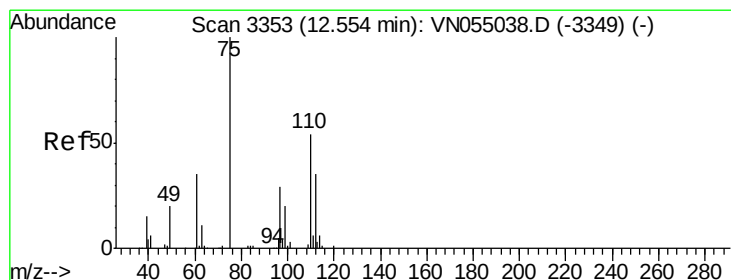
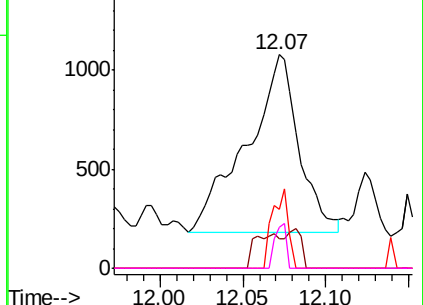


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 36.302 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055059.D

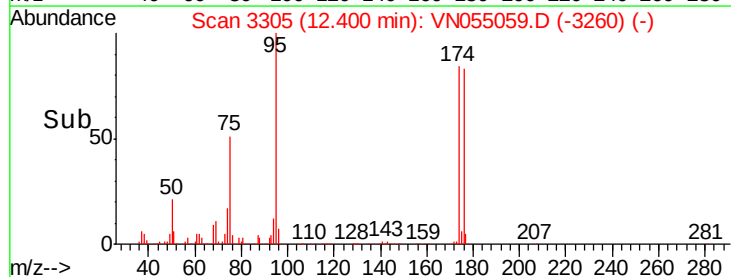
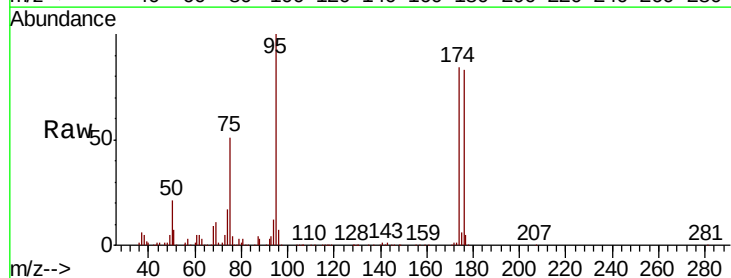
Acq: 15 Apr 2019 22:39

Tgt Ion: 75 Resp: 153855

Ion Ratio Lower Upper

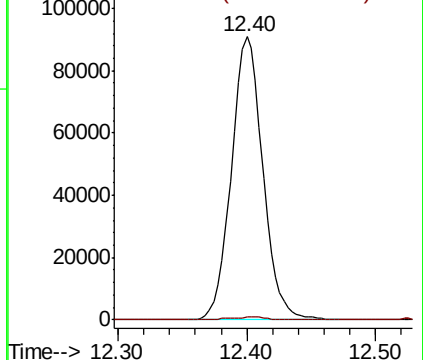
75 100

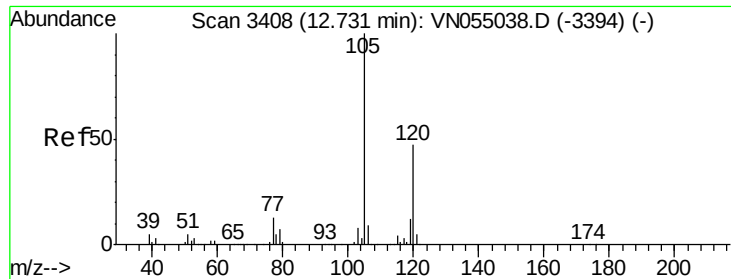
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#80

1,3,5-Trimethylbenzene

Concen: 0.460 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055059.D

Acq: 15 Apr 2019 22:39

Instrument :

MSVOA_N

ClientSampled :

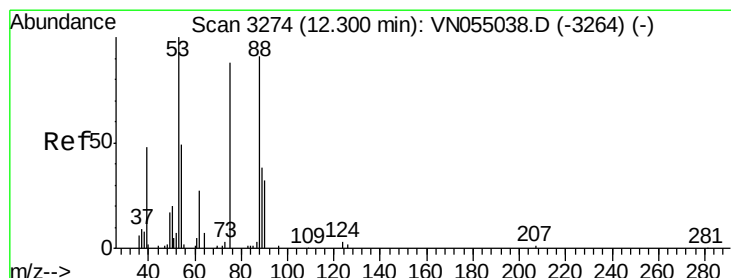
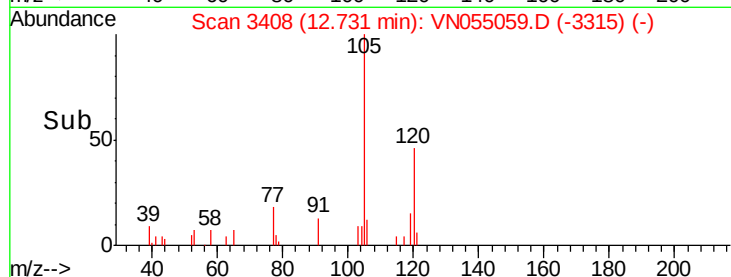
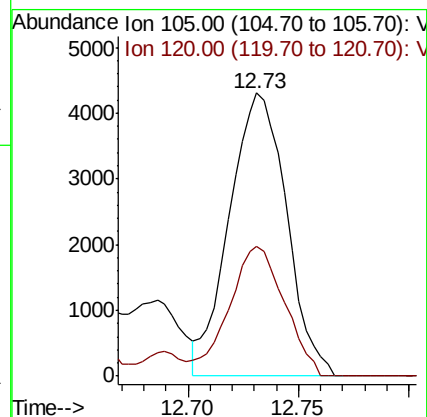
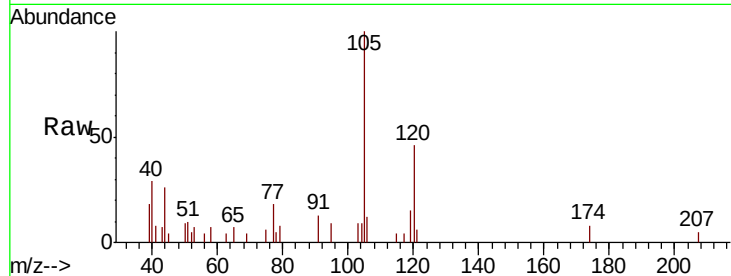
3425

Tot Ion:105 Resp: 7756

Ion Ratio Lower Upper

105 100

120 44.1 24.3 72.8



#81

trans-1,4-Dichloro-2-butene

Concen: 145.166 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055059.D

Acq: 15 Apr 2019 22:39

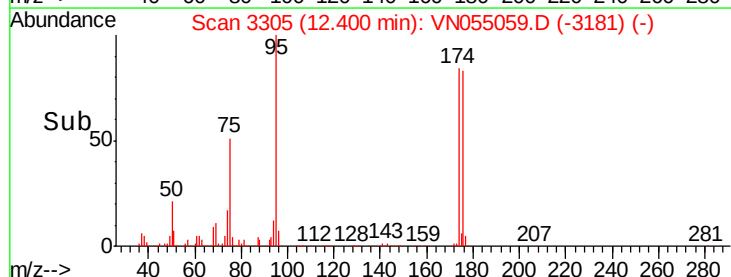
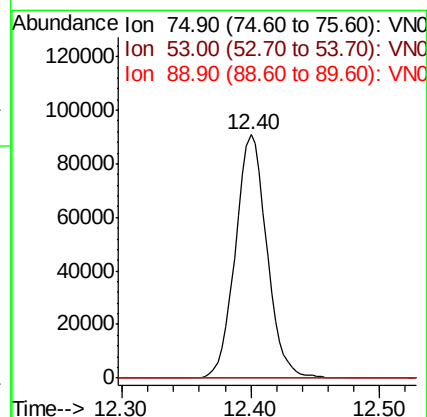
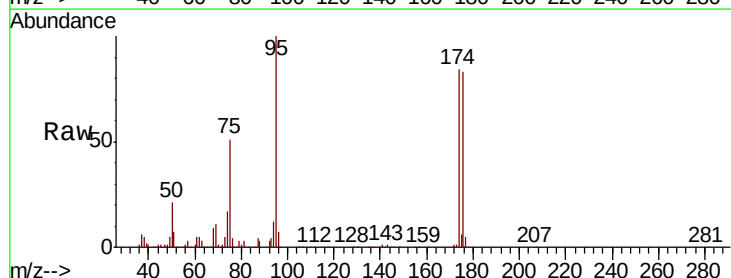
Tgt Ion: 75 Resp: 153855

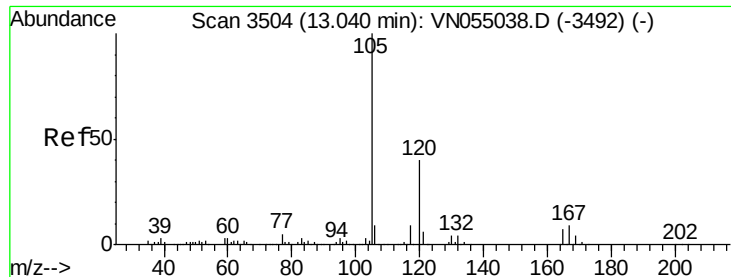
Ion Ratio Lower Upper

75 100

53 0.0 96.3 144.5#

89 0.0 38.6 57.8#

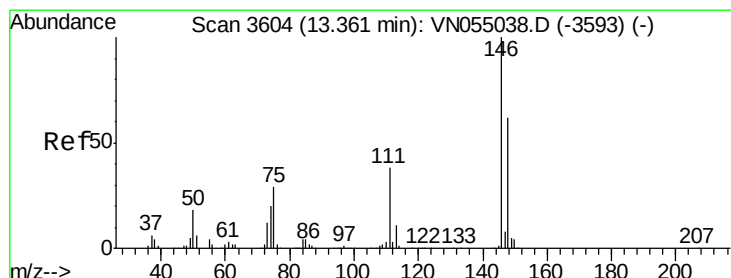
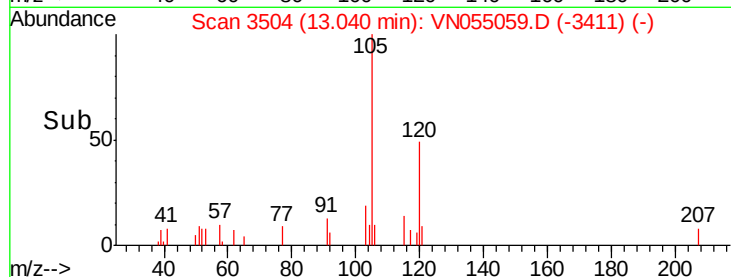
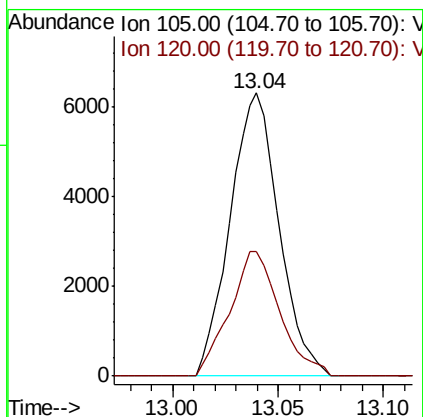
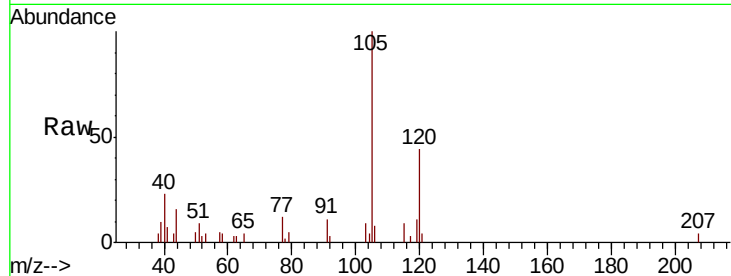




#84
 1,2,4-Trimethylbenzene
 Concen: 0.634 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055059.D
 Acq: 15 Apr 2019 22:39

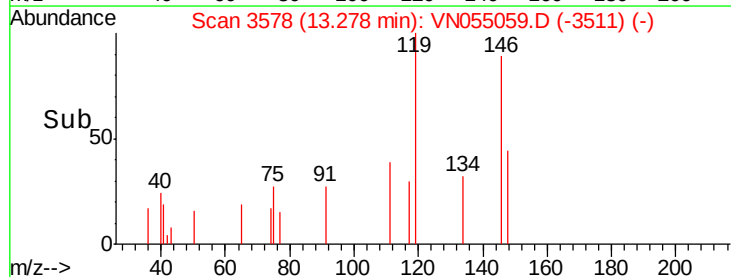
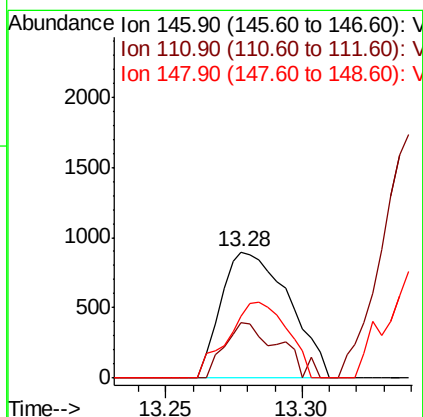
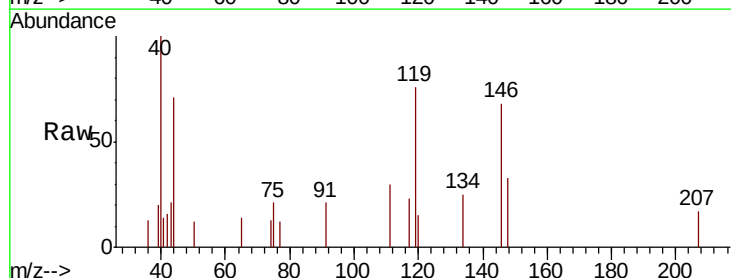
Instrument :
 MSVOA_N
 ClientSampled :
 3425

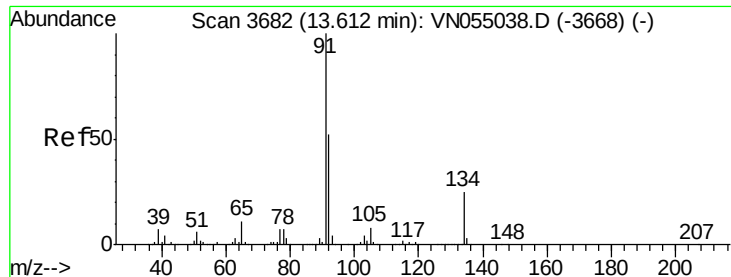
Tot Ion:105 Resp: 10146
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.4 67.3



#88
 1,4-Dichlorobenzene
 Concen: 0.205 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.08 min
 Lab File: VN055059.D
 Acq: 15 Apr 2019 22:39

Tgt Ion:146 Resp: 1552
 Ion Ratio Lower Upper
 146 100
 111 35.6 18.8 56.4
 148 52.7 32.4 97.2

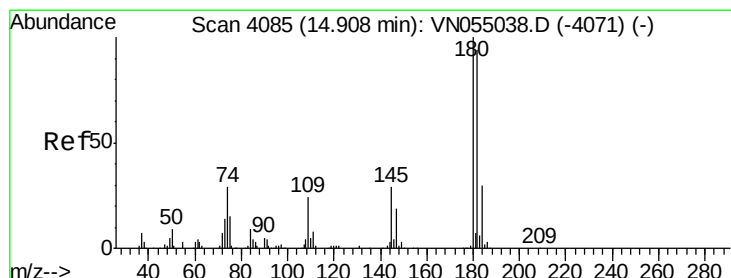
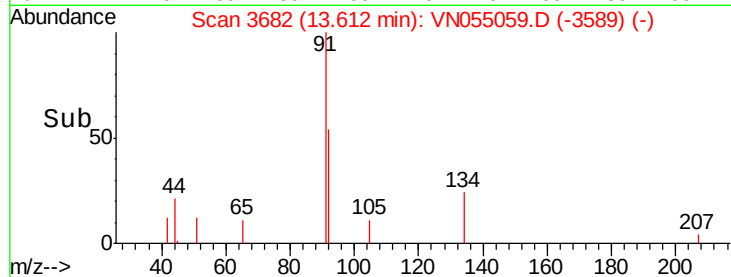
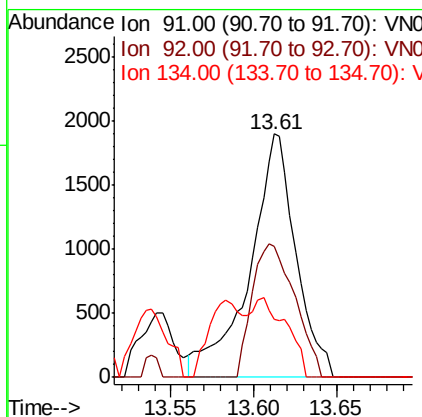
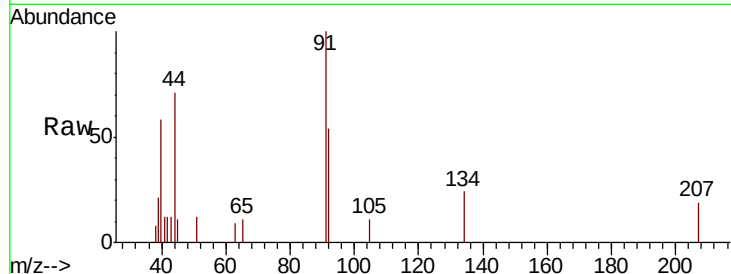




#89
n-Butylbenzene
Concen: 0.318 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055059.D
Acq: 15 Apr 2019 22:39

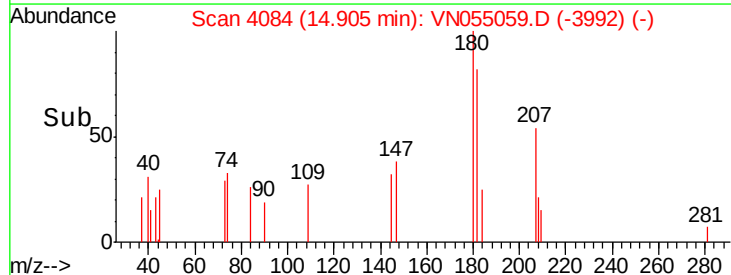
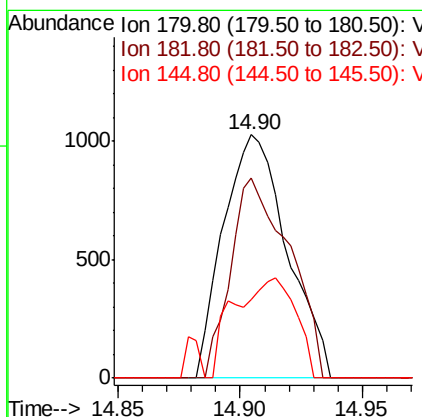
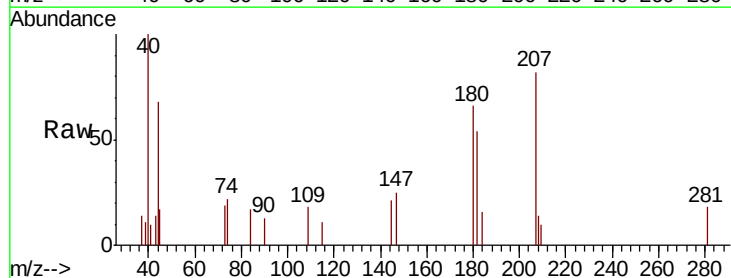
Instrument :
MSVOA_N
ClientSampled :
3425

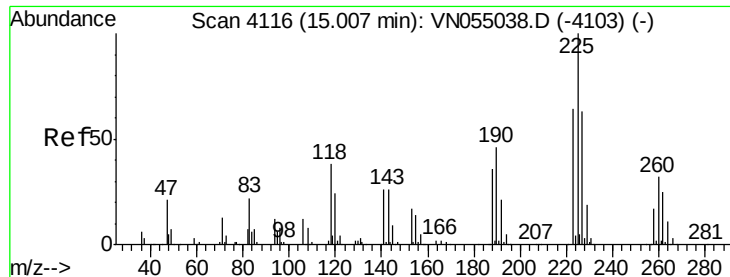
Tot Ion: 91 Resp: 3674
Ion Ratio Lower Upper
91 100
92 50.4 25.9 77.7
134 23.6 12.8 38.3



#93
1,2,4-Trichlorobenzene
Concen: 3.165 ug/l
RT: 14.90 min Scan# 4084
Delta R.T. -0.00 min
Lab File: VN055059.D
Acq: 15 Apr 2019 22:39

Tgt Ion: 180 Resp: 1862
Ion Ratio Lower Upper
180 100
182 75.9 47.5 142.6
145 40.0 14.2 42.8





#94

Hexachlorobutadiene

Concen: 0.305 ug/l

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN055059.D

Acq: 15 Apr 2019 22:39

Instrument :

MSVOA_N

ClientSampleId :

3425

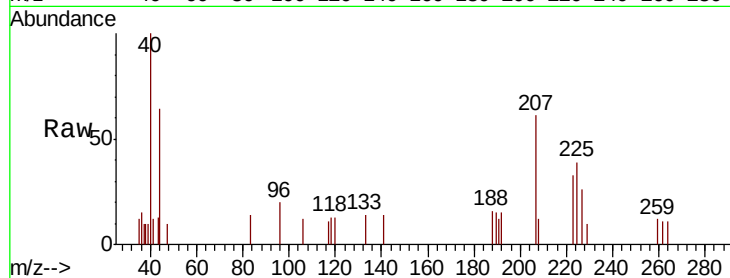
Tot Ion:225 Resp: 752

Ion Ratio Lower Upper

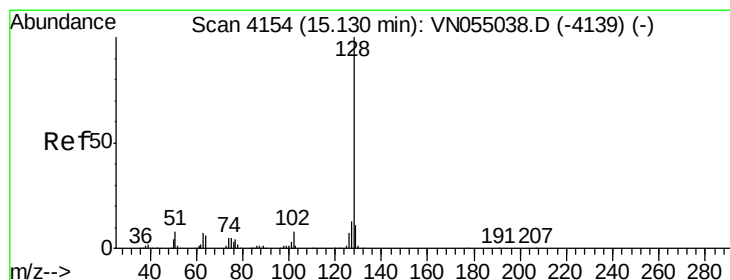
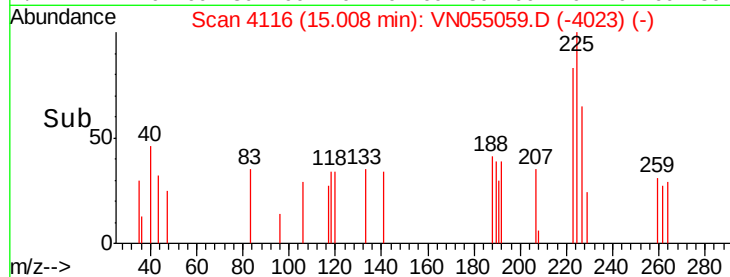
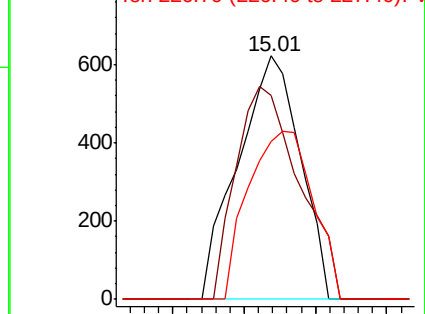
225 100

223 89.2 31.4 94.0

227 71.9 32.6 97.7



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: 4.571 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055059.D

Acq: 15 Apr 2019 22:39

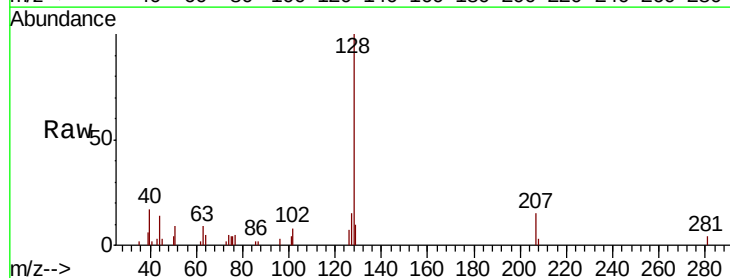
Tgt Ion:128 Resp: 13435

Ion Ratio Lower Upper

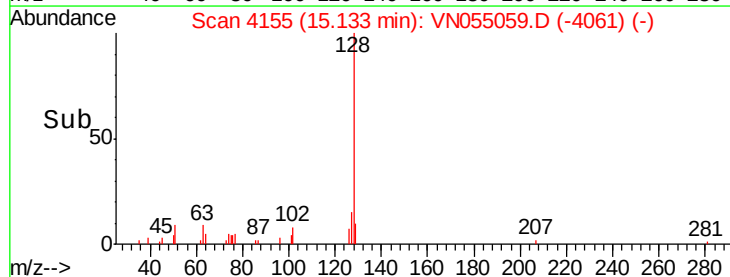
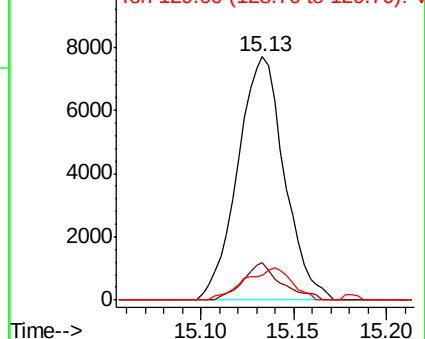
128 100

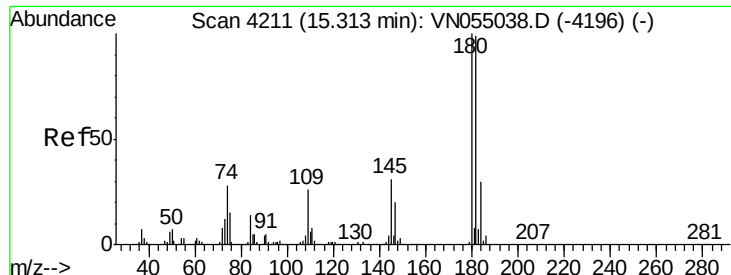
127 12.6 10.1 15.1

129 13.3 8.8 13.2#



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

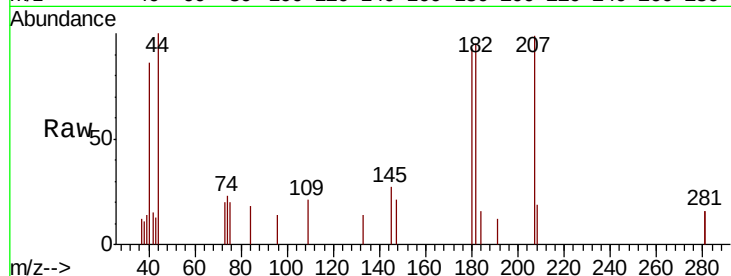




#96
 1,2,3-Trichlorobenzene
 Concen: 0.748 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN055059.D
 Acq: 15 Apr 2019 22:39

Instrument :
 MSVOA_N
 ClientSampleId :
 3425

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	48.0	144.0
145	32.8	15.3	45.9



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

