

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041319\
 Data File : VN055005.D
 Acq On : 12 Apr 2019 17:56
 Operator : JC/SP
 Sample : VN0413WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0413WBL01

Quant Time: Apr 13 03:42:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 13 03:34:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	570054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	893882	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	718769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	225244	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	352830	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
35) Dibromofluoromethane	7.59	113	284832	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
50) Toluene-d8	10.09	98	1047366	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
62) 4-Bromofluorobenzene	12.40	95	300208	42.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.16%	

Target Compounds

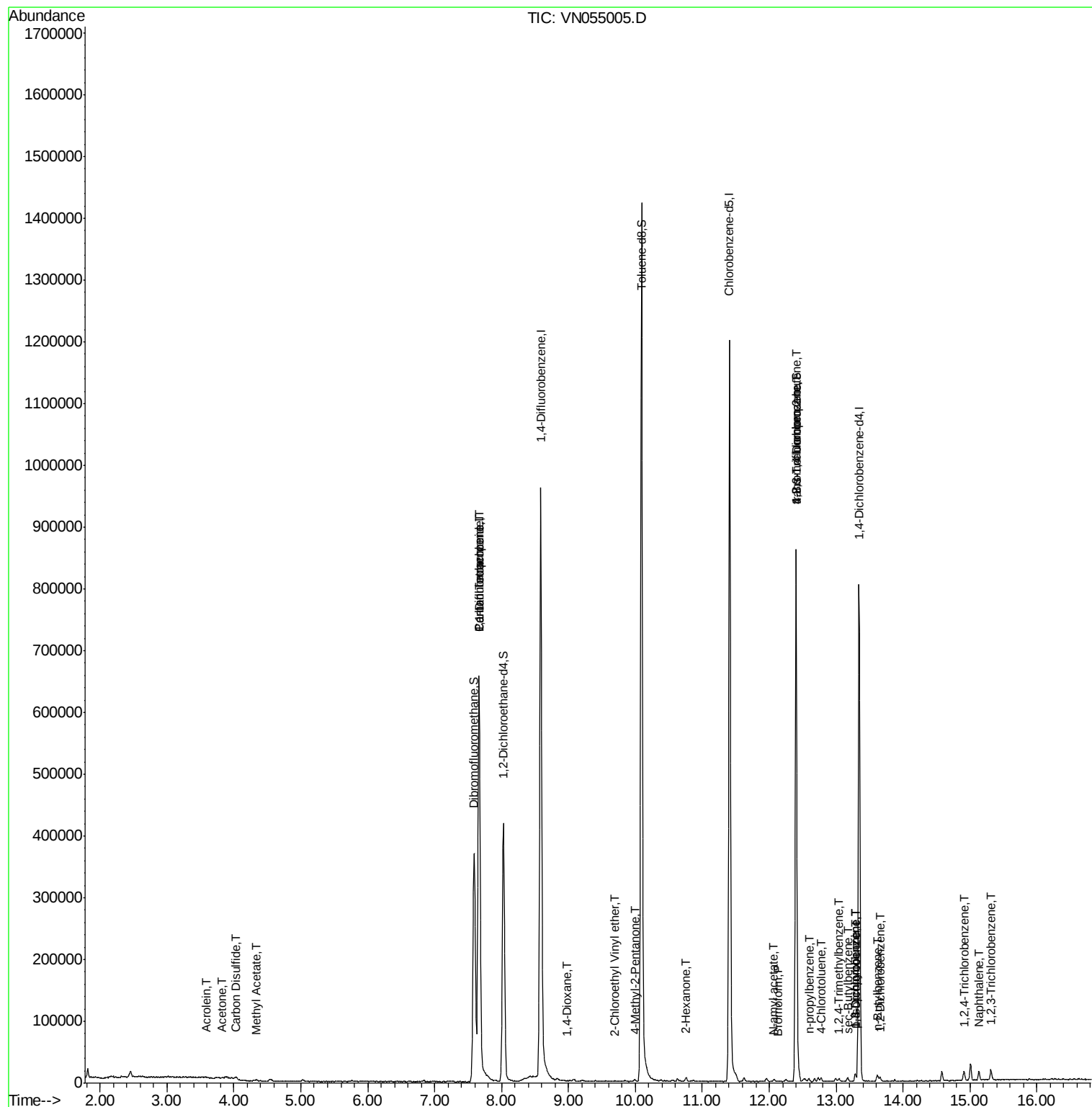
					Qvalue	
13) Acrolein	3.59	56	933	1.756	ug/l	94
16) Acetone	3.82	43	1311	0.667	ug/l #	80
17) Carbon Disulfide	4.04	76	7034	0.490	ug/l #	77
18) Methyl Acetate	4.33	43	4019	0.660	ug/l #	69
20) Methylene Chloride	4.54	84	267	Below Cal	#	19
31) Cyclohexane	7.66	56	12111	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	43331	5.245	ug/l #	44
38) Carbon Tetrachloride	7.67	117	51418	6.612	ug/l #	16
49) 1,4-Dioxane	8.99	88	64	1.089	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	2611	0.420	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.70	63	345	18.303	ug/l #	50
59) 2-Hexanone	10.75	43	5346	1.378	ug/l	87
71) Bromoform	12.13	173	111	2.615	ug/l #	29
74) N-amyl acetate	12.07	43	2855	0.495	ug/l #	89
76) 1,2,3-Trichloropropane	12.40	75	154016	37.167	ug/l #	100
77) Bromobenzene	12.53	156	1101	Below Cal		93
78) n-propylbenzene	12.59	91	4666	0.224	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	154016	153.405	ug/l #	2
82) 4-Chlorotoluene	12.78	91	3830	0.307	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	3114	0.208	ug/l	98
85) sec-Butylbenzene	13.17	105	4963	0.291	ug/l	99
86) p-Isopropyltoluene	13.29	119	4952	0.334	ug/l	93
87) 1,3-Dichlorobenzene	13.28	146	3396	0.444	ug/l	89
88) 1,4-Dichlorobenzene	13.28	146	3396	0.464	ug/l	89
89) n-Butylbenzene	13.61	91	7098	0.609	ug/l	87
91) 1,2-Dichlorobenzene	13.65	146	2929	0.394	ug/l	82
93) 1,2,4-Trichlorobenzene	14.91	180	4927	4.772	ug/l	90
95) Naphthalene	15.13	128	12440	5.986	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.32	180	6597	1.969	ug/l	95

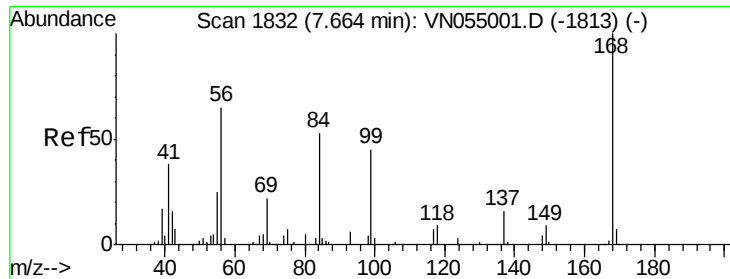
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041319\
Data File : VN055005.D
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Quant Title : SW846 8260
QLast Update : Sat Apr 13 03:34:24 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN055005.D

Acq: 12 Apr 2019 17:56

Instrument :

MSVOA_N

ClientSampled :

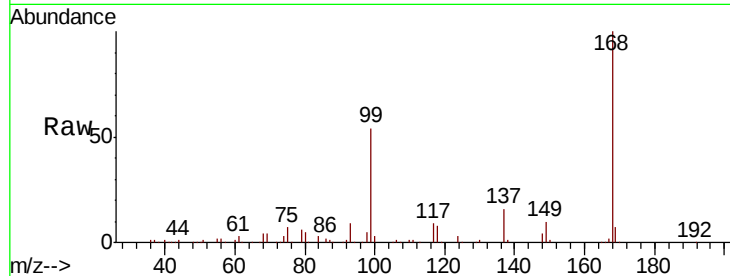
VN0413WBL01

Tot Ion:168 Resp: 570054

Ion Ratio Lower Upper

168 100

99 54.3 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

250000

200000

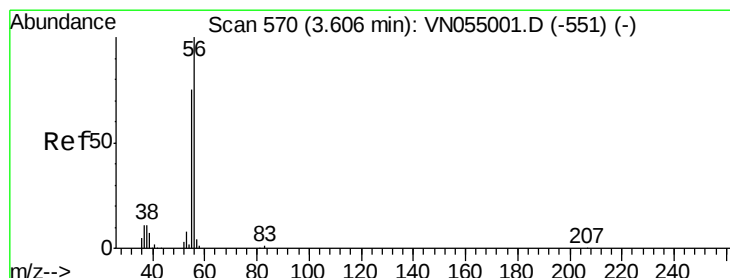
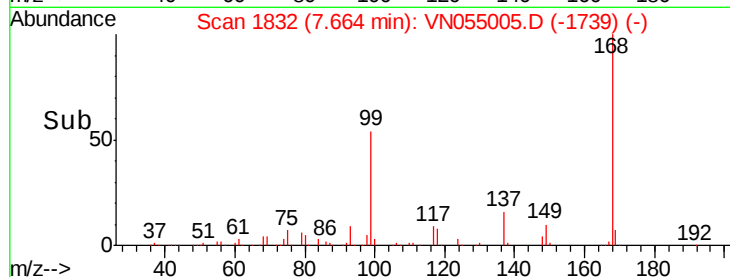
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: 1.756 ug/l

RT: 3.59 min Scan# 566

Delta R.T. -0.01 min

Lab File: VN055005.D

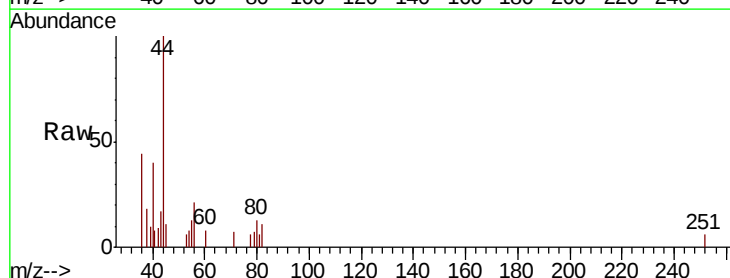
Acq: 12 Apr 2019 17:56

Tgt Ion: 56 Resp: 933

Ion Ratio Lower Upper

56 100

55 68.9 59.5 89.3



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 55.00 (54.70 to 55.70): VN

3.59

600

500

400

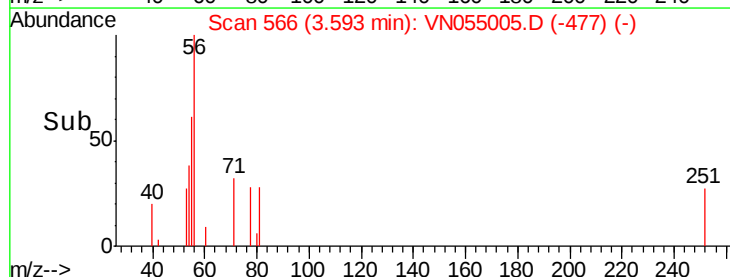
300

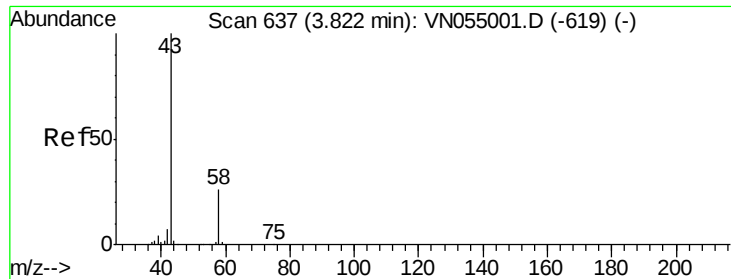
200

100

0

Time-->





#16

Acetone

Concen: 0.667 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN055005.D

Acq: 12 Apr 2019 17:56

Instrument :

MSVOA_N

ClientSampled :

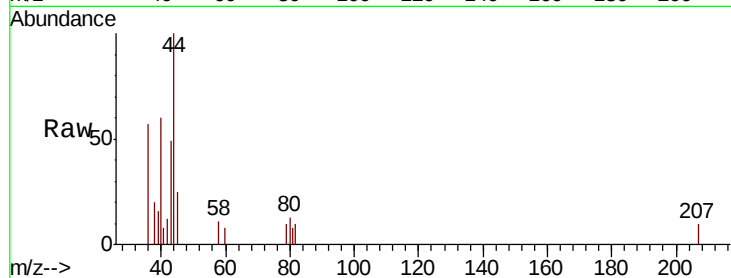
VN0413WBL01

Tot Ion: 43 Resp: 1311

Ion Ratio Lower Upper

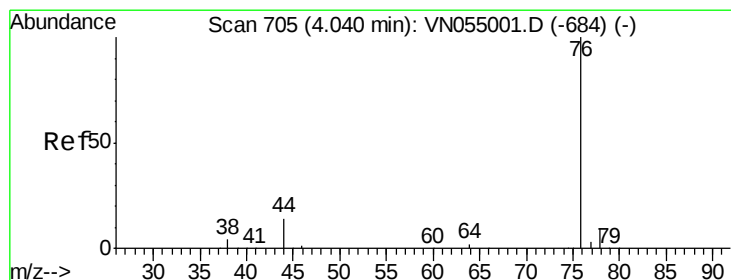
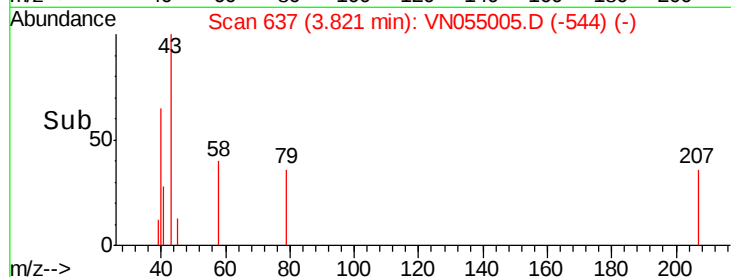
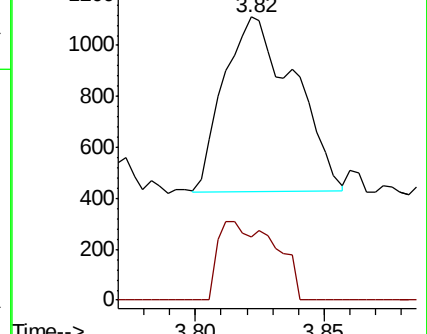
43 100

58 36.5 20.9 31.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 0.490 ug/l

RT: 4.04 min Scan# 704

Delta R.T. -0.00 min

Lab File: VN055005.D

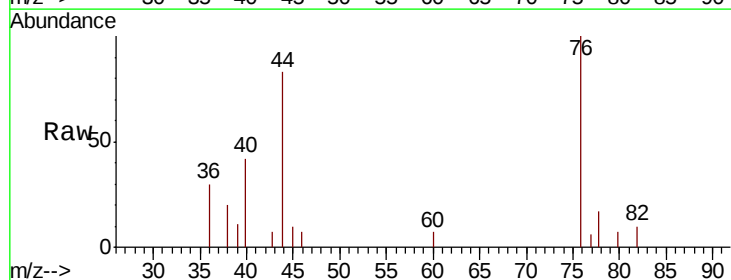
Acq: 12 Apr 2019 17:56

Tgt Ion: 76 Resp: 7034

Ion Ratio Lower Upper

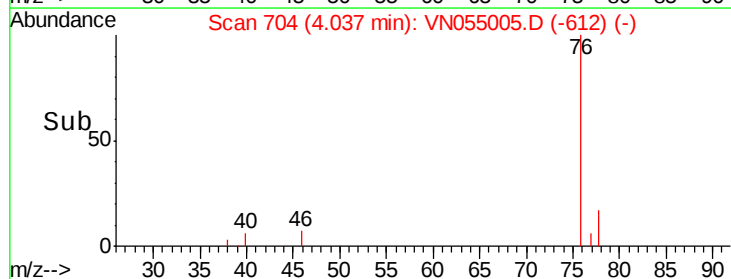
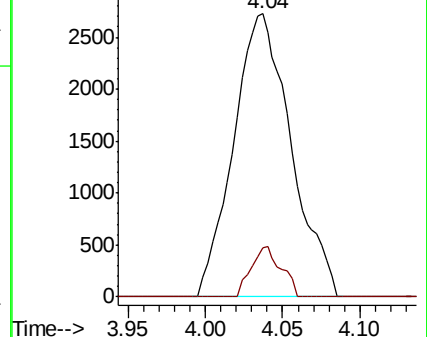
76 100

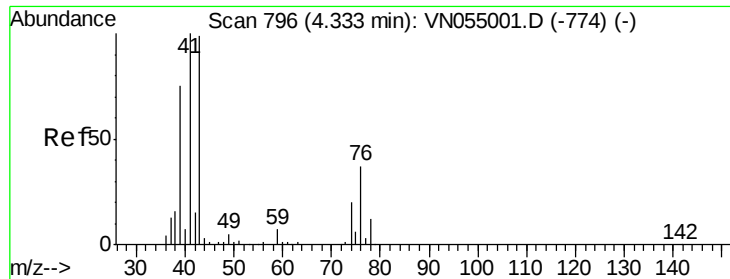
78 17.2 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

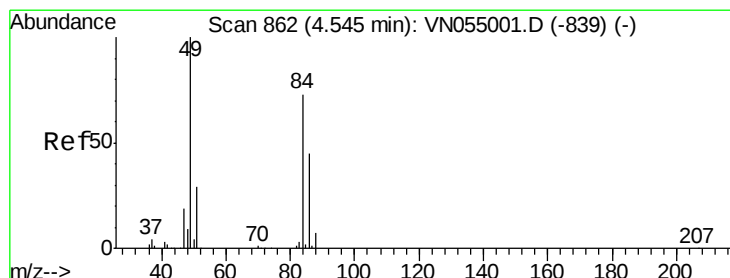
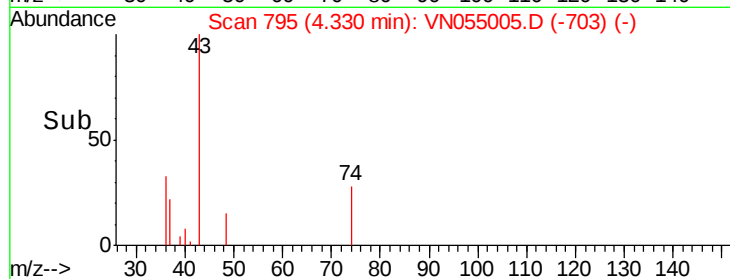
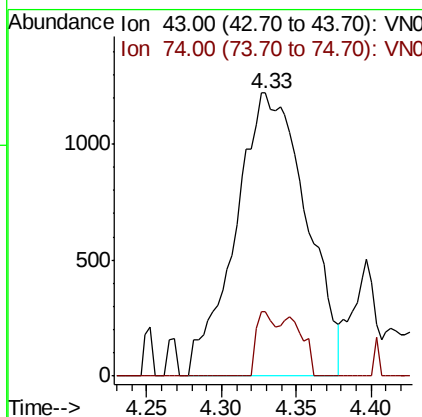
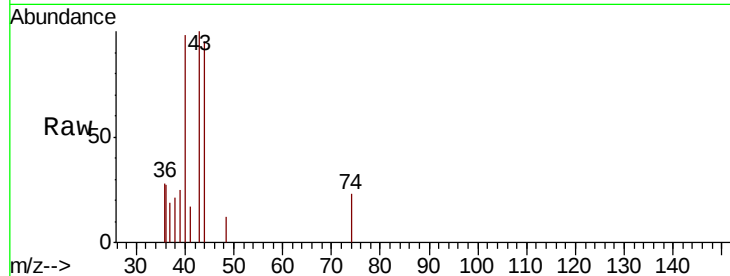




#18
Methyl Acetate
Concen: 0.660 ug/l
RT: 4.33 min Scan# 795
Delta R.T. -0.00 min
Lab File: VN055005.D
Acq: 12 Apr 2019 17:56

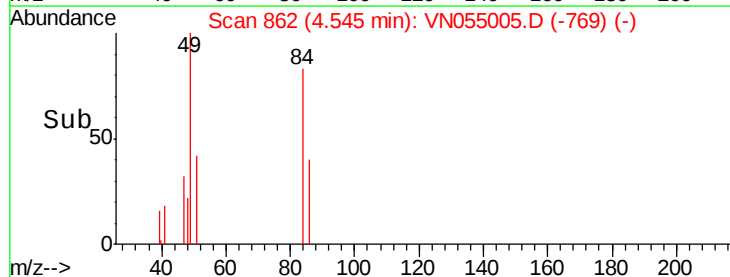
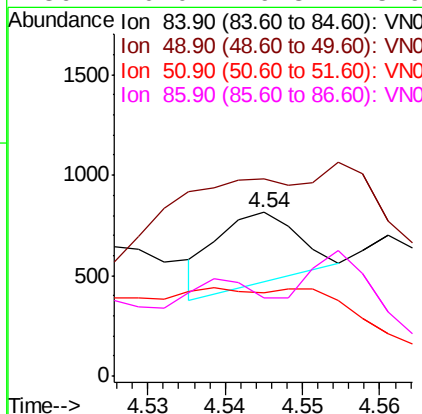
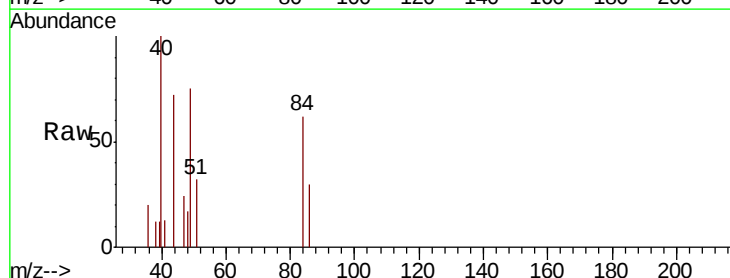
Instrument :
MSVOA_N
ClientSampled :
VN0413WBL01

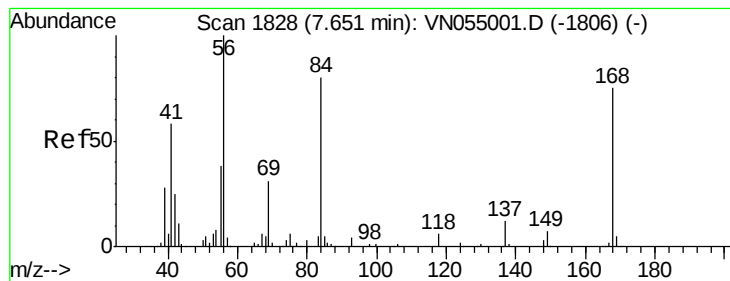
Tot Ion: 43 Resp: 4019
Ion Ratio Lower Upper
43 100
74 5.8 16.1 24.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN055005.D
Acq: 12 Apr 2019 17:56

Tgt Ion: 84 Resp: 267
Ion Ratio Lower Upper
84 100
49 23.6 109.4 164.2#
51 16.4 32.2 48.4#
86 0.0 49.3 73.9#





#31

Cyclohexane

Concen: Below Cal

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN055005.D

Acq: 12 Apr 2019 17:56

Instrument :

MSVOA_N

ClientSampleId :

VN0413WBL01

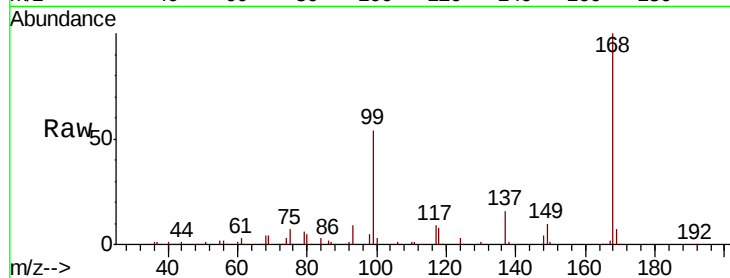
Tot Ion: 56 Resp: 12111

Ion Ratio Lower Upper

56 100

69 177.4 24.5 36.7#

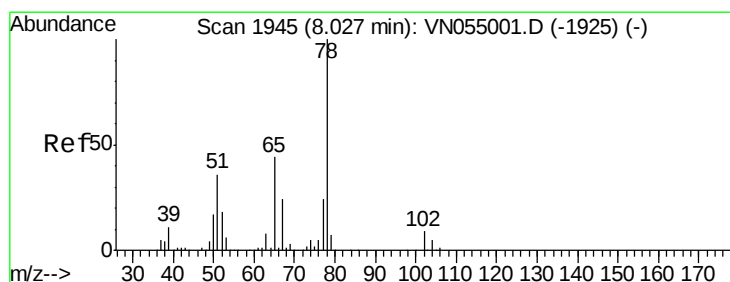
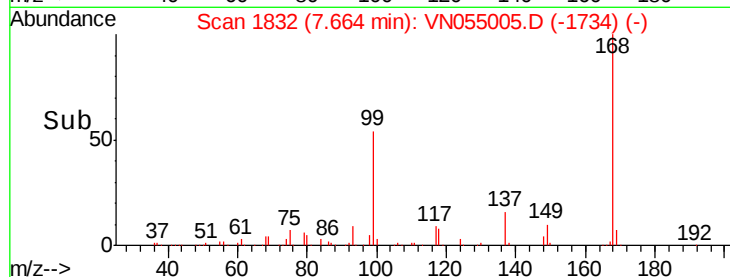
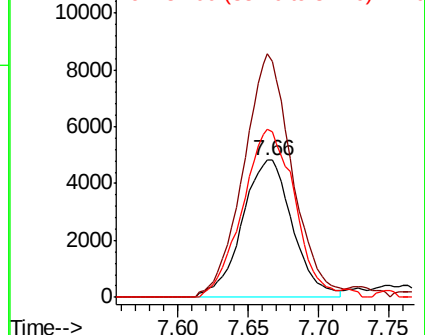
84 122.4 62.9 94.3#



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: 49.321 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN055005.D

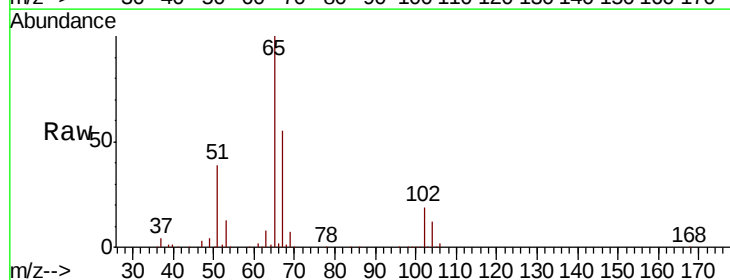
Acq: 12 Apr 2019 17:56

Tgt Ion: 65 Resp: 352830

Ion Ratio Lower Upper

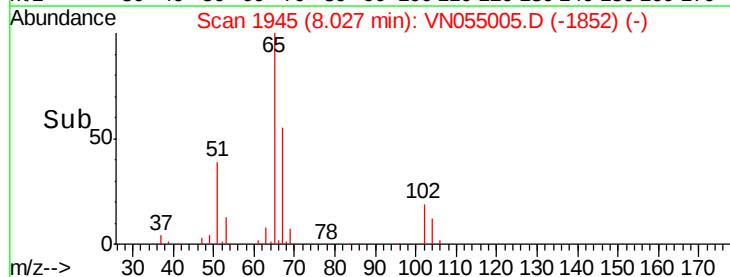
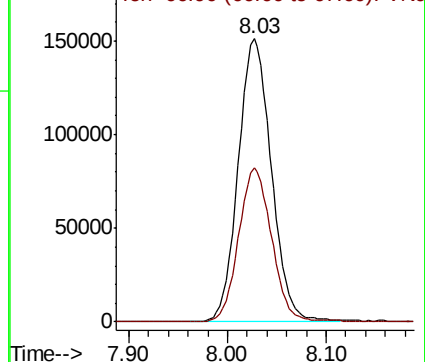
65 100

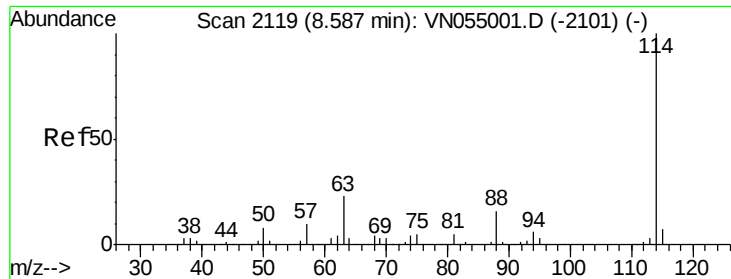
67 53.8 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

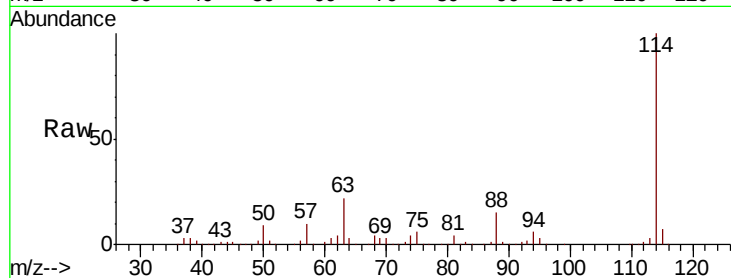




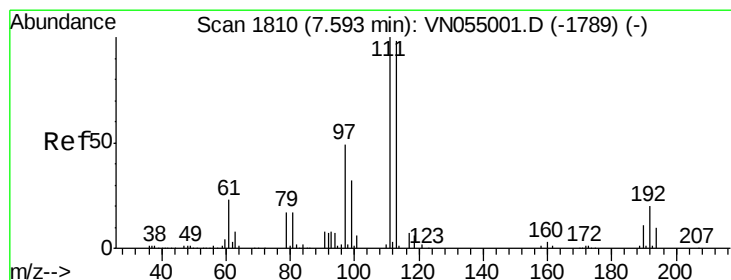
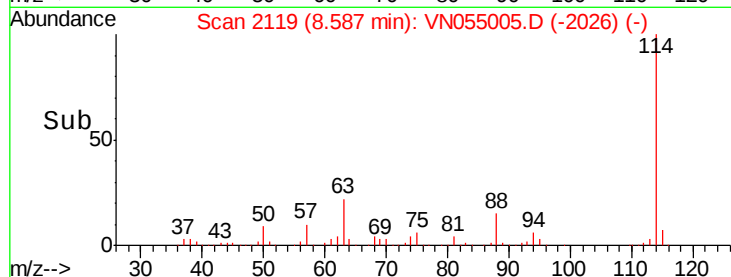
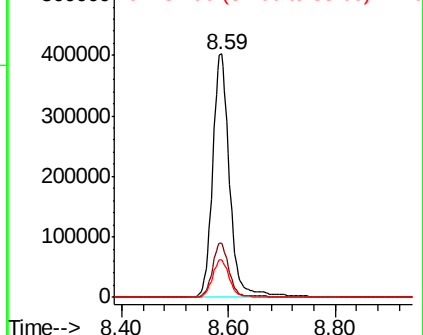
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055005.D
 Acq: 12 Apr 2019 17:56

Instrument :
 MSVOA_N
 ClientSampled :
 VN0413WBL01

Tot Ion:114 Resp: 893882
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 45.2
 88 15.3 0.0 31.8

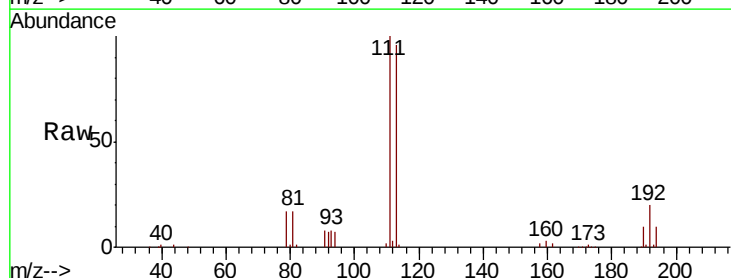


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

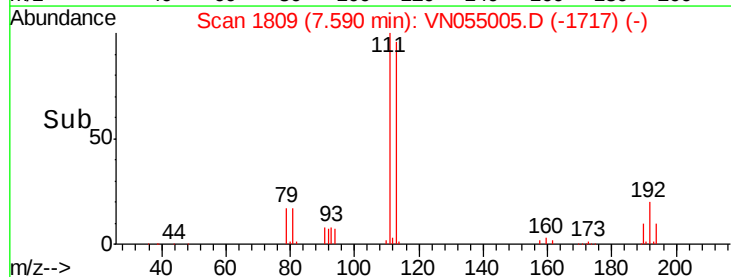
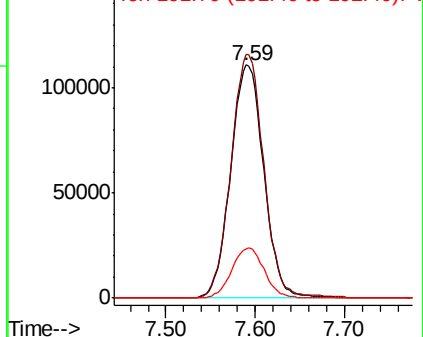


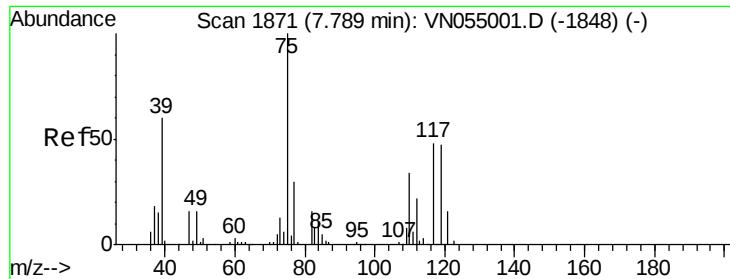
#35
 Dibromofluoromethane
 Concen: 49.986 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055005.D
 Acq: 12 Apr 2019 17:56

Tgt Ion:113 Resp: 284832
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.1 123.1
 192 21.2 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

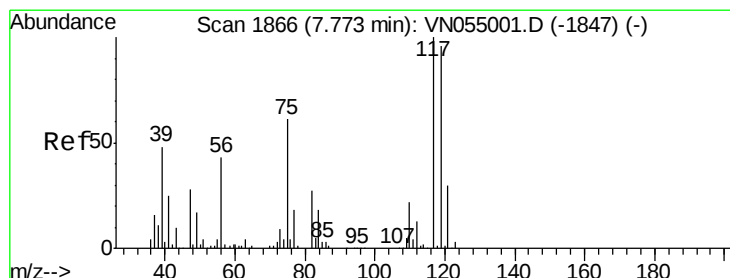
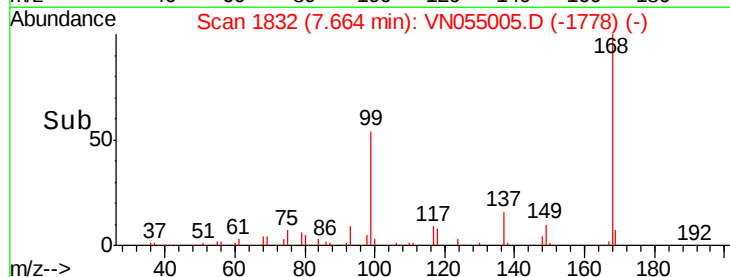
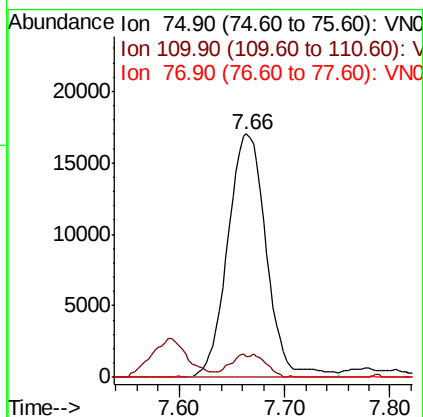
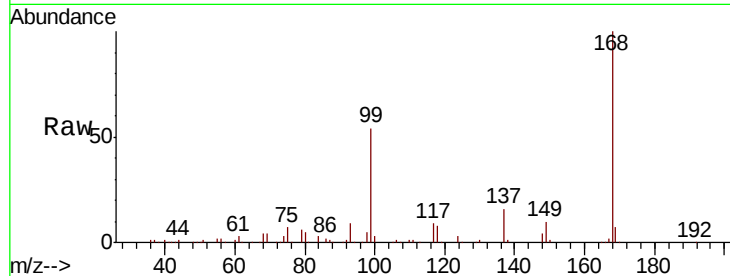




#36
 1,1-Dichloropropene
 Concen: 5.245 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055005.D
 Acq: 12 Apr 2019 17:56

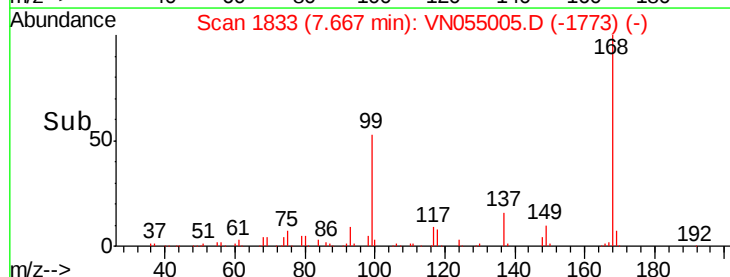
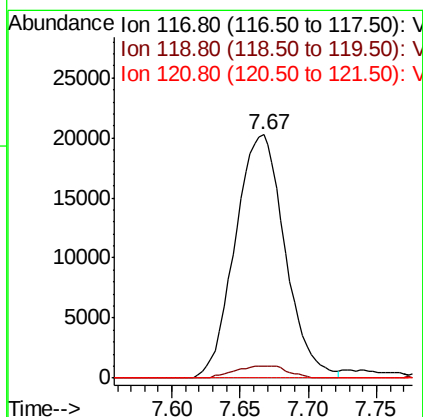
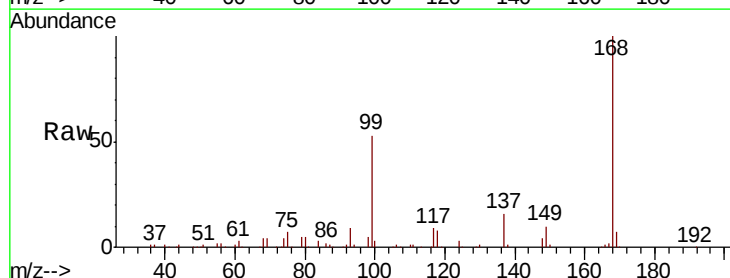
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0413WBL01

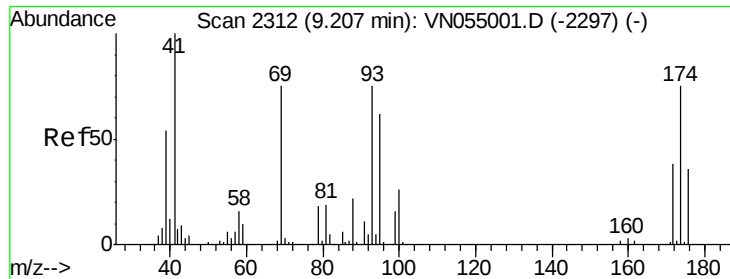
Tot Ion	75	Resp	43331
Ion Ratio	100	Lower	Upper
75	100		
110	2.7	17.5	52.5#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.612 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN055005.D
 Acq: 12 Apr 2019 17:56

Tgt Ion	117	Resp	51418
Ion Ratio	100	Lower	Upper
117	100		
119	4.8	76.3	114.5#
121	0.0	23.9	35.9#





#49

1,4-Dioxane

Concen: 1.089 ug/l

RT: 8.99 min Scan# 2244

Delta R.T. -0.22 min

Lab File: VN055005.D

Acq: 12 Apr 2019 17:56

Instrument :
MSVOA_N
ClientSampled :
VN0413WBL01

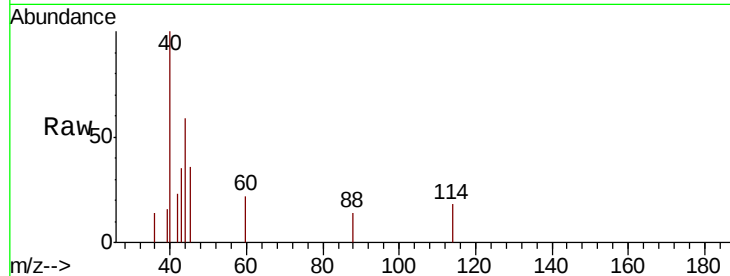
Tot Ion: 88 Resp: 64

Ion Ratio Lower Upper

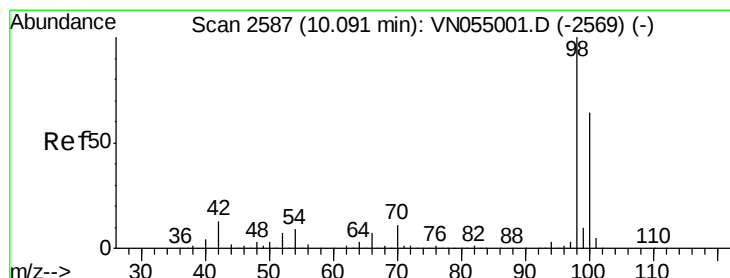
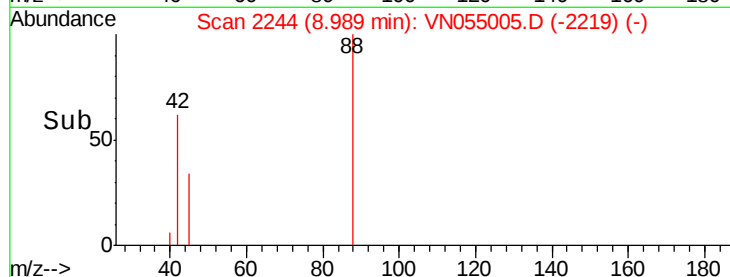
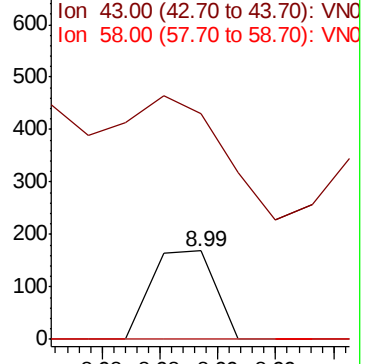
88 100

43 410.9 31.8 47.8#

58 0.0 61.6 92.4#



Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 50.044 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055005.D

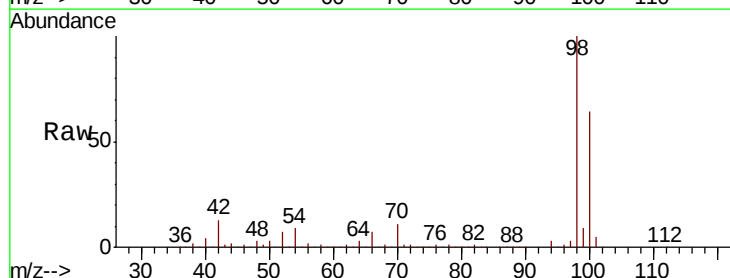
Acq: 12 Apr 2019 17:56

Tgt Ion: 98 Resp: 1047366

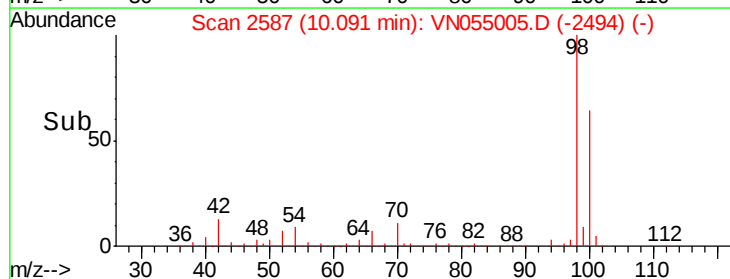
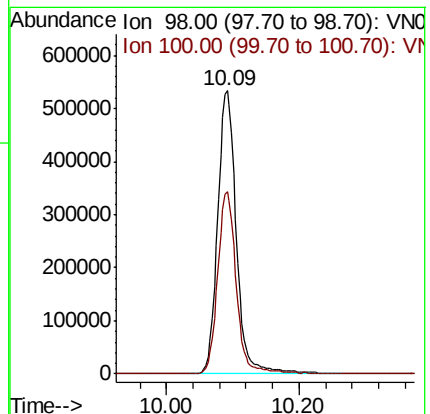
Ion Ratio Lower Upper

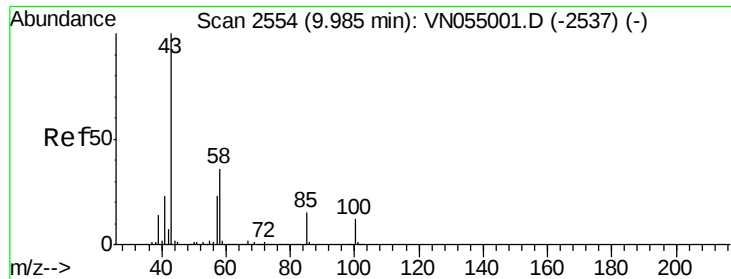
98 100

100 63.7 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

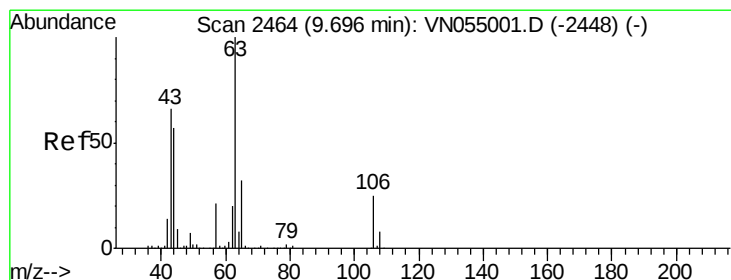
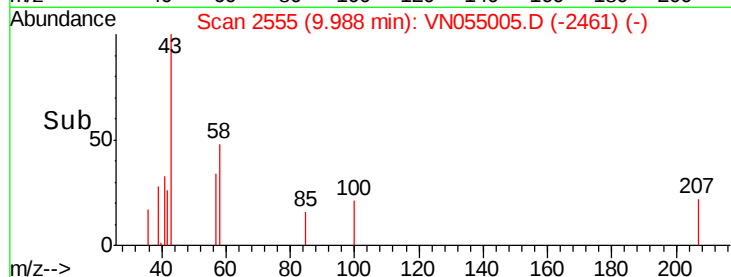
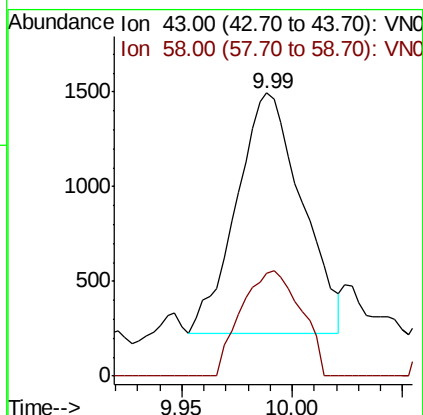
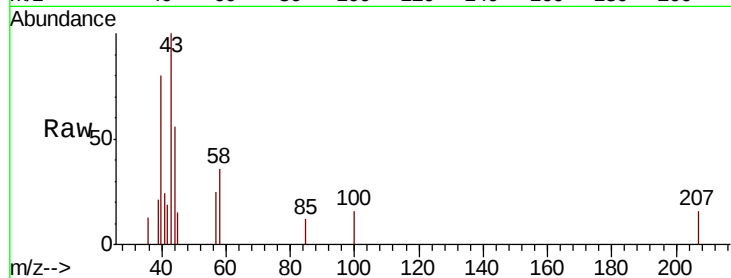




#51
 4-Methyl-2-Pentanone
 Concen: 0.420 ug/l
 RT: 9.99 min Scan# 2555
 Delta R.T. 0.00 min
 Lab File: VN055005.D
 Acq: 12 Apr 2019 17:56

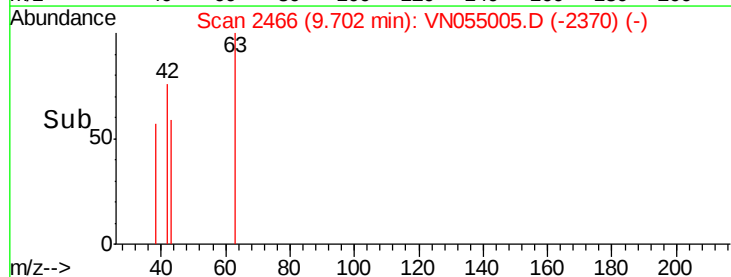
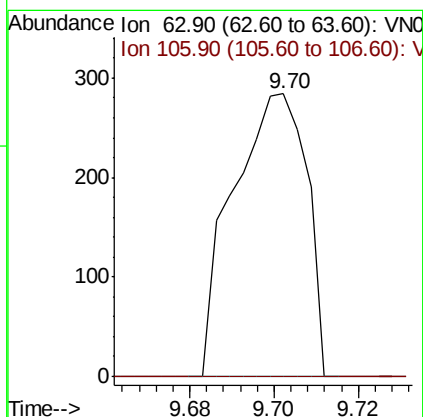
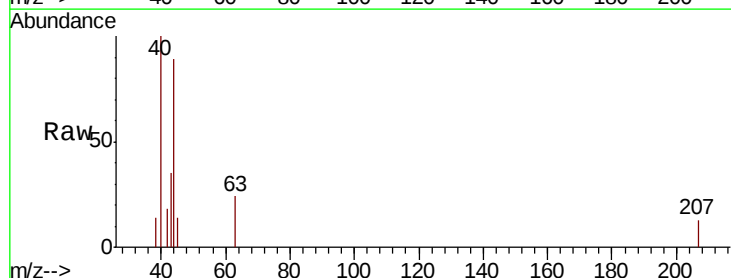
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0413WBL01

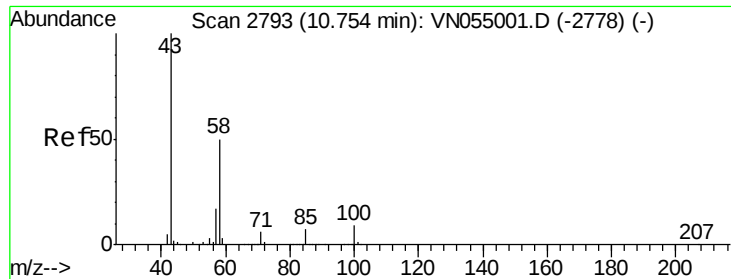
Tot Ion: 43 Resp: 2611
 Ion Ratio Lower Upper
 43 100
 58 40.3 29.0 43.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 18.303 ug/l
 RT: 9.70 min Scan# 2466
 Delta R.T. 0.01 min
 Lab File: VN055005.D
 Acq: 12 Apr 2019 17:56

Tgt Ion: 63 Resp: 345
 Ion Ratio Lower Upper
 63 100
 106 0.0 20.0 30.0#

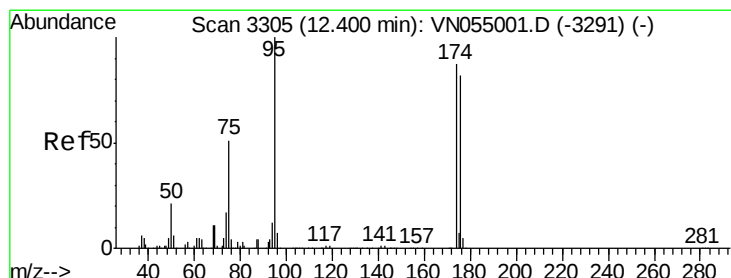
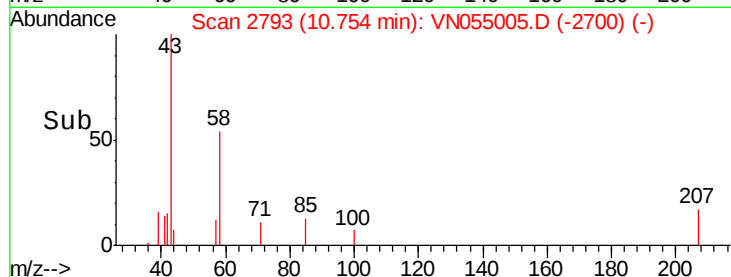
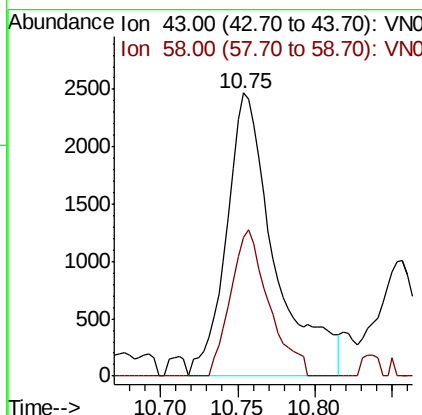
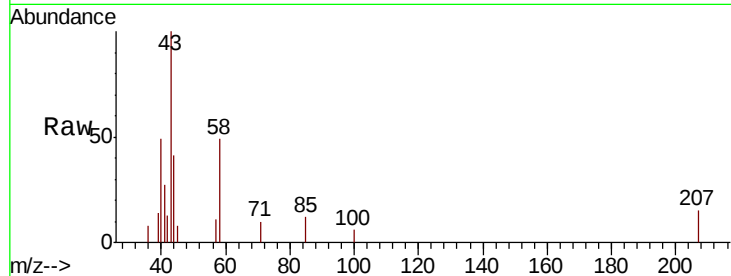




#59
2-Hexanone
Concen: 1.378 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN055005.D
Acq: 12 Apr 2019 17:56

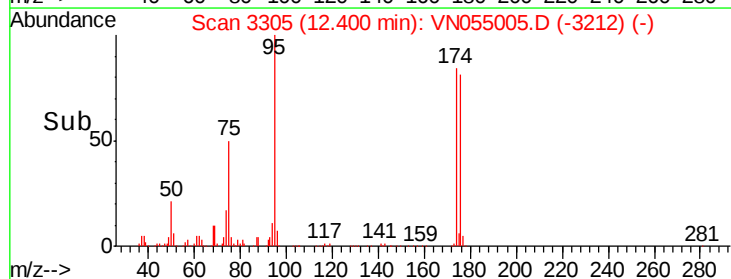
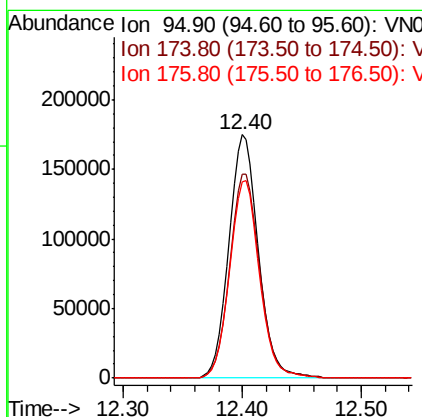
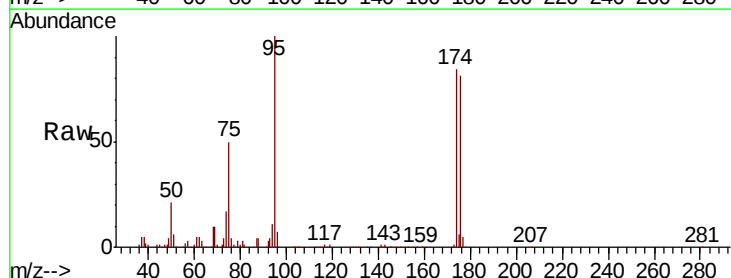
Instrument :
MSVOA_N
ClientSampled :
VN0413WBL01

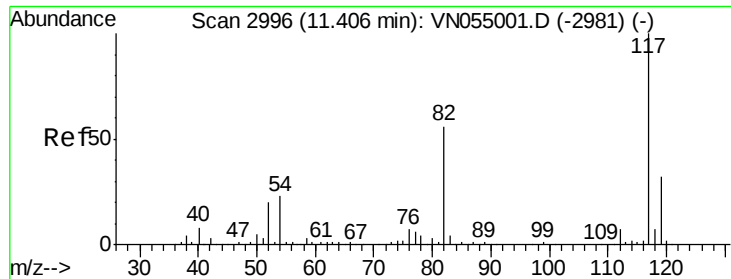
Tot Ion: 43 Resp: 5346
Ion Ratio Lower Upper
43 100
58 40.9 25.1 75.2



#62
4-Bromofluorobenzene
Concen: 42.584 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN055005.D
Acq: 12 Apr 2019 17:56

Tgt Ion: 95 Resp: 300208
Ion Ratio Lower Upper
95 100
174 85.6 0.0 174.4
176 82.3 0.0 166.8

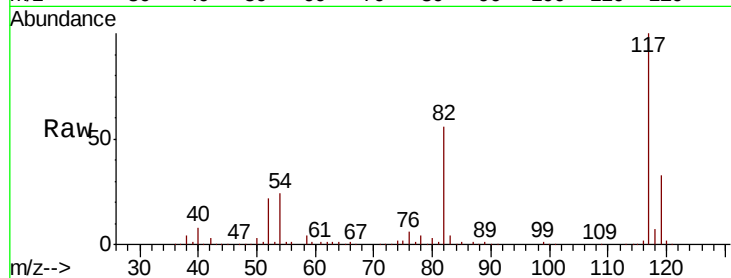




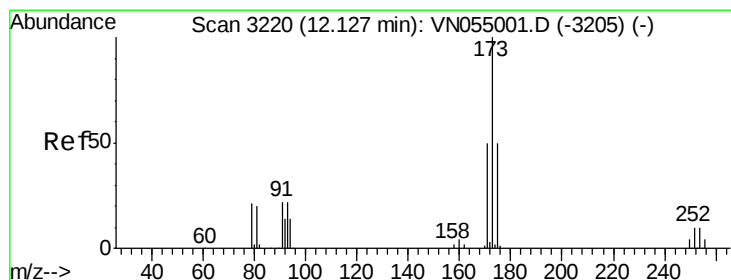
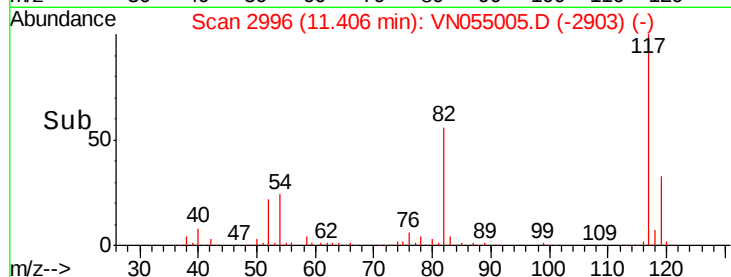
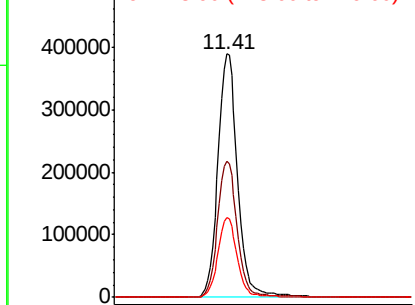
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055005.D
Acq: 12 Apr 2019 17:56

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBL01

Tot Ion:117 Resp: 718769
Ion Ratio Lower Upper
117 100
82 56.0 44.6 66.8
119 32.7 25.5 38.3

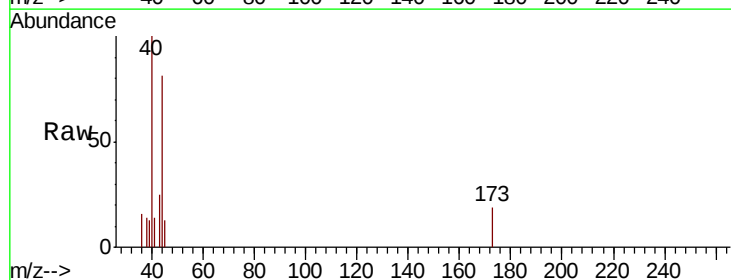


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

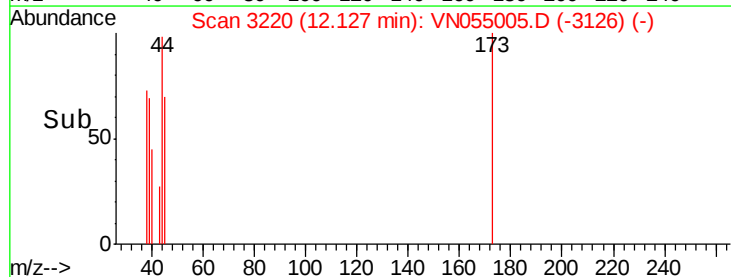
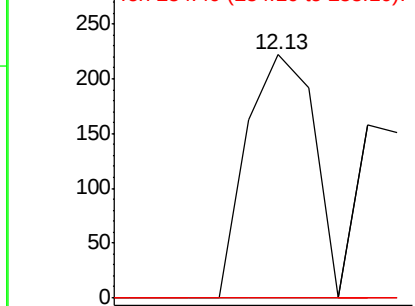


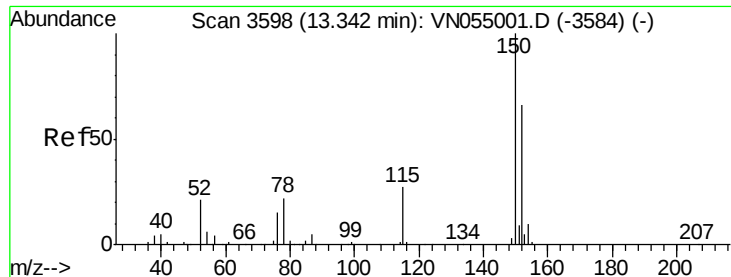
#71
Bromoform
Concen: 2.615 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN055005.D
Acq: 12 Apr 2019 17:56

Tgt Ion:173 Resp: 111
Ion Ratio Lower Upper
173 100
175 0.0 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: VN055005.D

Acq: 12 Apr 2019 17:56

Instrument :

MSVOA_N

ClientSampled :

VN0413WBL01

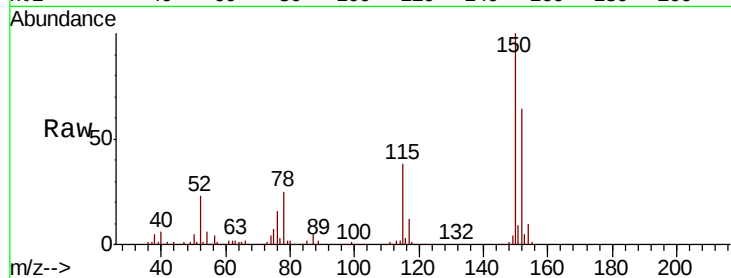
Tot Ion:152 Resp: 225244

Ion Ratio Lower Upper

152 100

115 58.5 28.5 85.6

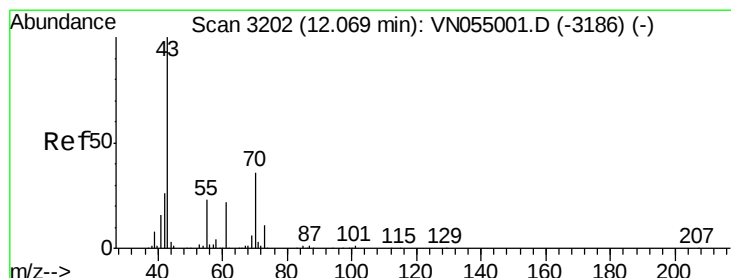
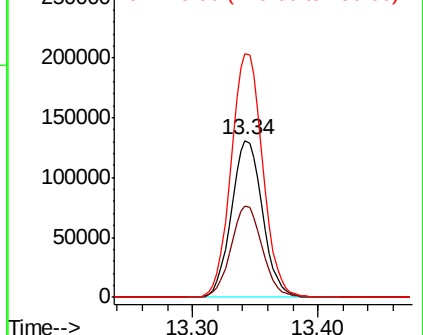
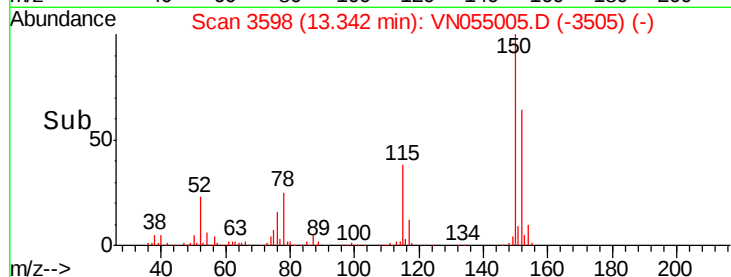
150 158.0 0.0 347.2



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-ethyl acetate

Concen: 0.495 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN055005.D

Acq: 12 Apr 2019 17:56

Tgt Ion: 43 Resp: 2855

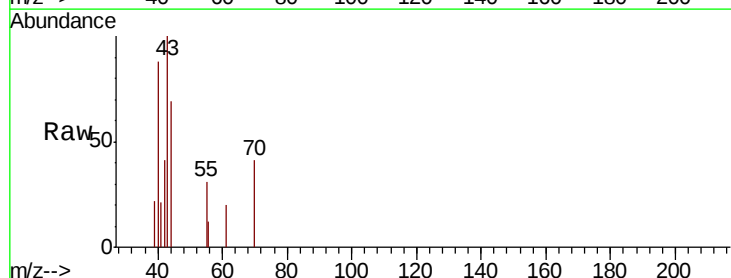
Ion Ratio Lower Upper

43 100

70 33.3 29.4 44.0

55 32.0 19.0 28.4#

61 15.8 17.7 26.5#

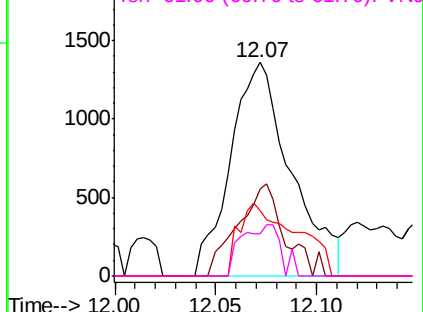
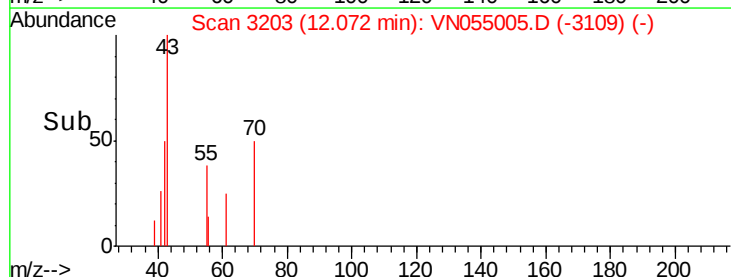


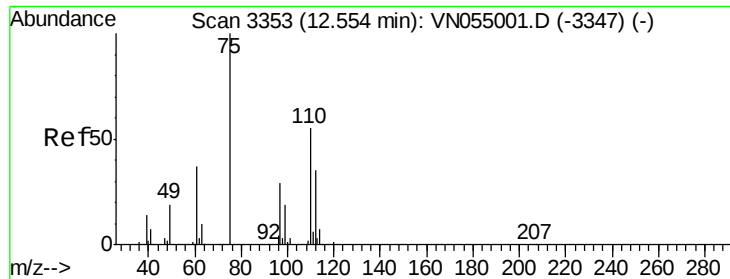
Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 37.167 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055005.D

Acq: 12 Apr 2019 17:56

Instrument :

MSVOA_N

ClientSampled :

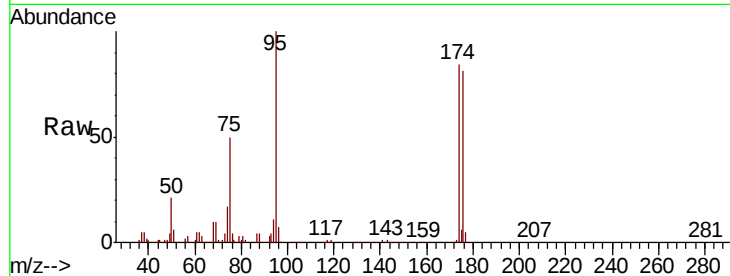
VN0413WBL01

Tot Ion: 75 Resp: 154016

Ion Ratio Lower Upper

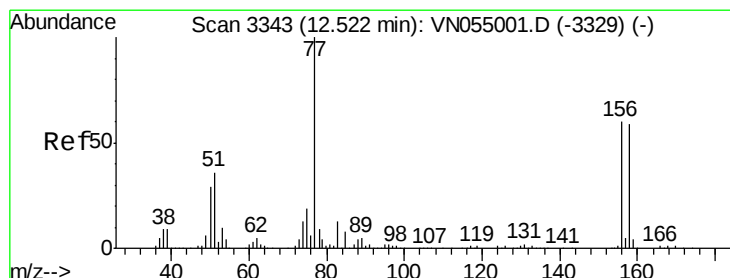
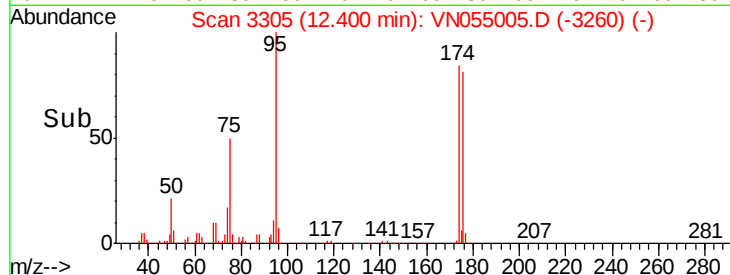
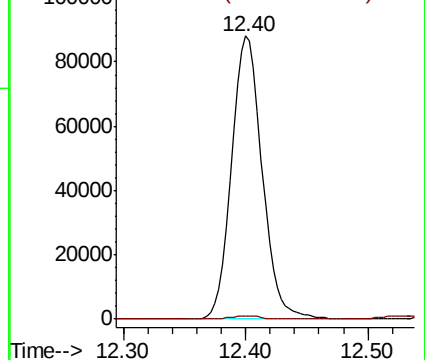
75 100

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



#77

Bromobenzene

Concen: Below Cal

RT: 12.53 min Scan# 3345

Delta R.T. 0.01 min

Lab File: VN055005.D

Acq: 12 Apr 2019 17:56

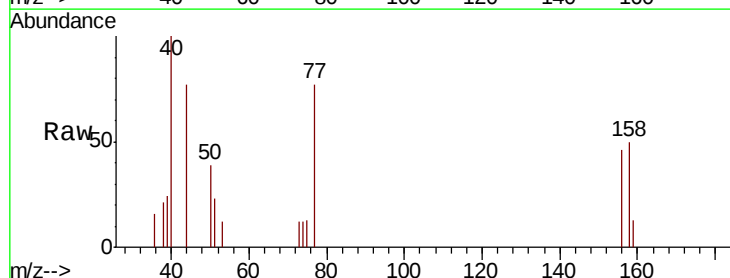
Tgt Ion: 156 Resp: 1101

Ion Ratio Lower Upper

156 100

77 202.4 97.2 291.5

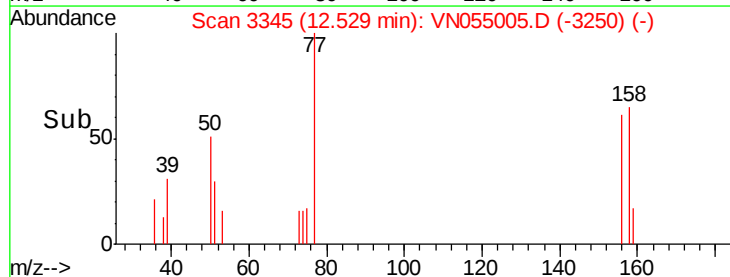
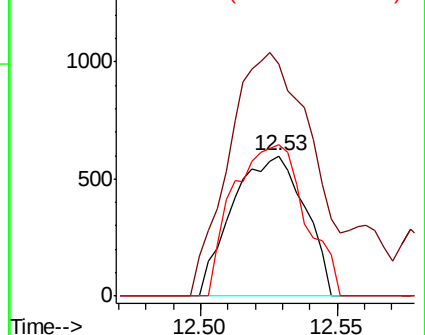
158 107.5 48.6 145.9

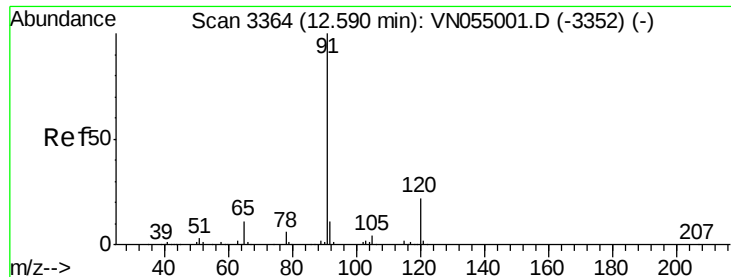


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V

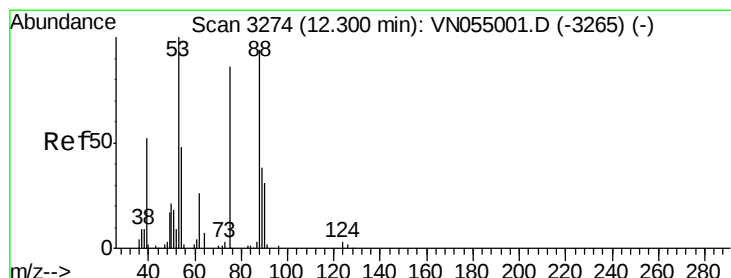
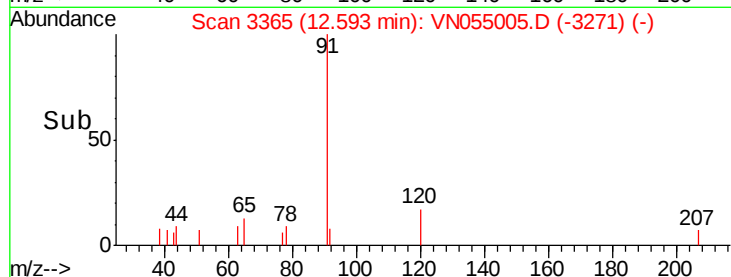
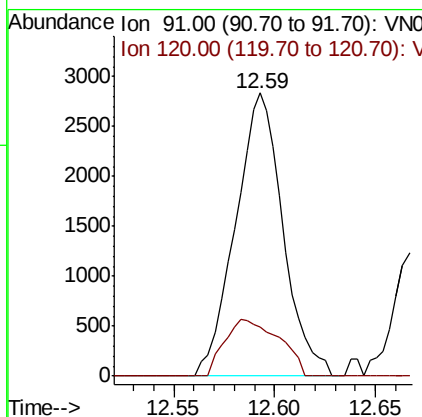
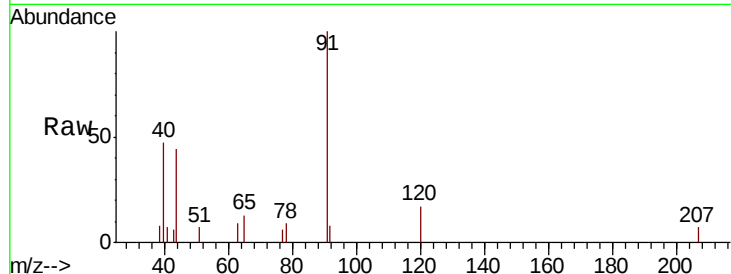




#78
n-propylbenzene
Concen: 0.224 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN055005.D
Acq: 12 Apr 2019 17:56

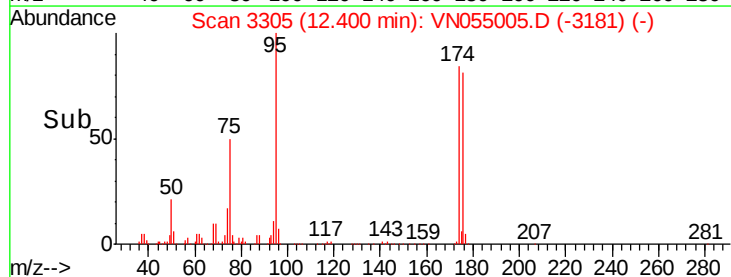
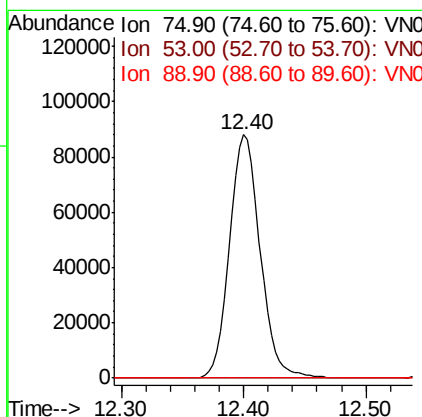
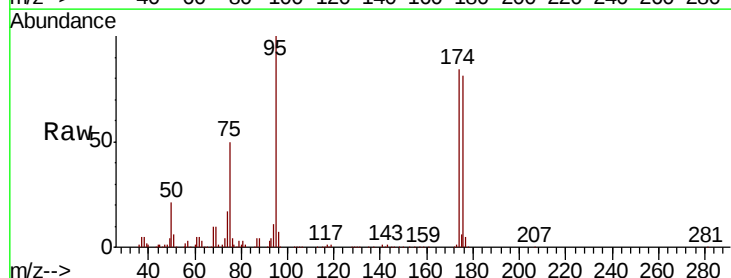
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBL01

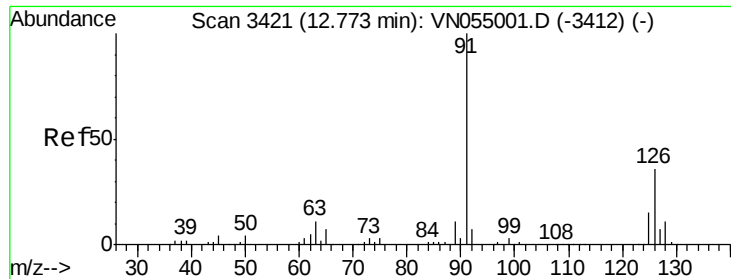
Tot Ion: 91 Resp: 4666
Ion Ratio Lower Upper
91 100
120 23.1 11.2 33.5



#81
trans-1,4-Dichloro-2-butene
Concen: 153.405 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN055005.D
Acq: 12 Apr 2019 17:56

Tgt Ion: 75 Resp: 154016
Ion Ratio Lower Upper
75 100
53 0.0 96.3 144.5#
89 0.0 38.6 57.8#





#82

4-Chlorotoluene

Concen: 0.307 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN055005.D

Acq: 12 Apr 2019 17:56

Instrument :

MSVOA_N

ClientSampled :

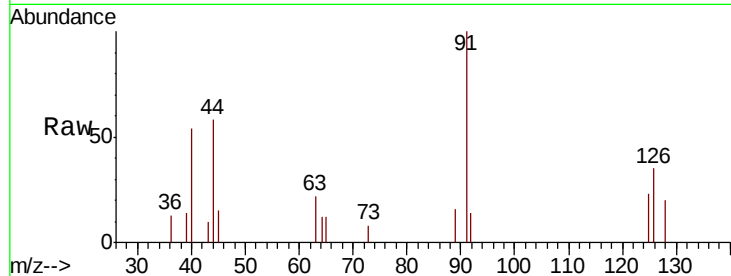
VN0413WBL01

Tot Ion: 91 Resp: 3830

Ion Ratio Lower Upper

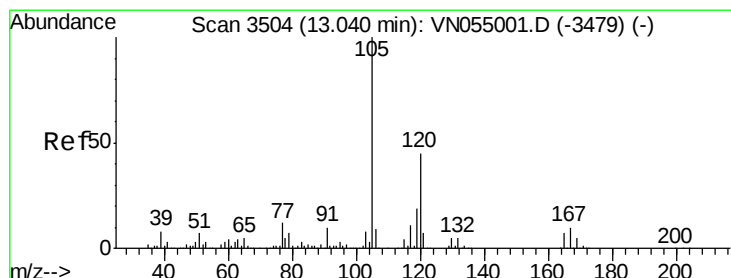
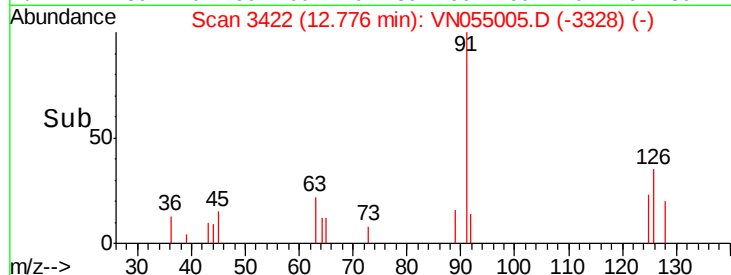
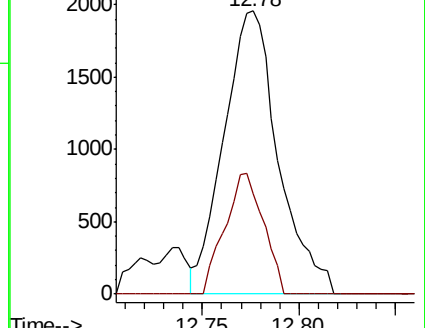
91 100

126 30.1 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VN055001.D (-3412) (-)

Ion 125.90 (125.60 to 126.60): VN055001.D (-3412) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.208 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN055005.D

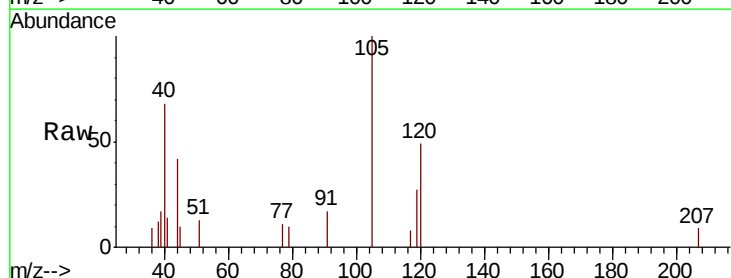
Acq: 12 Apr 2019 17:56

Tgt Ion: 105 Resp: 3114

Ion Ratio Lower Upper

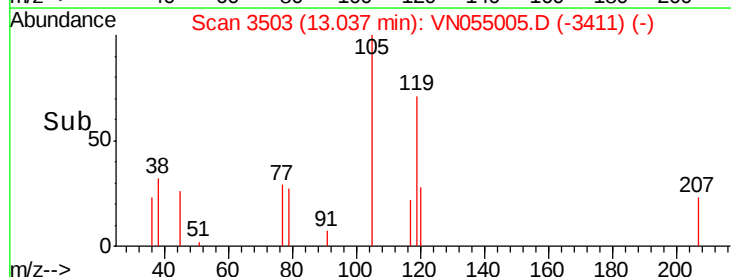
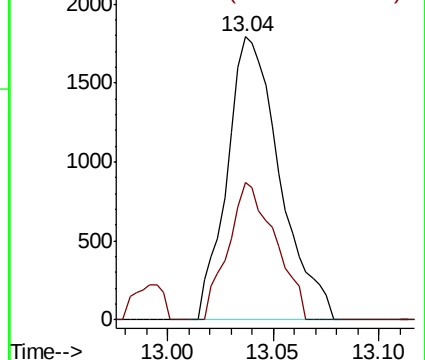
105 100

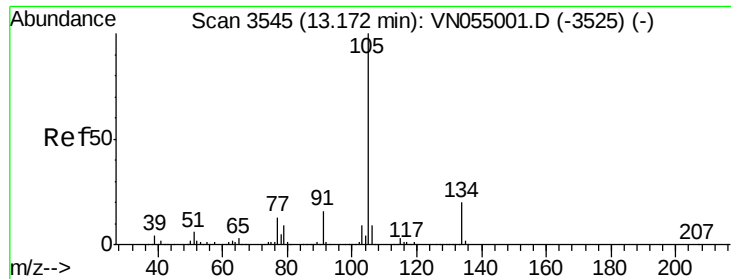
120 43.5 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): VN055001.D (-3479) (-)

Ion 120.00 (119.70 to 120.70): VN055001.D (-3479) (-)

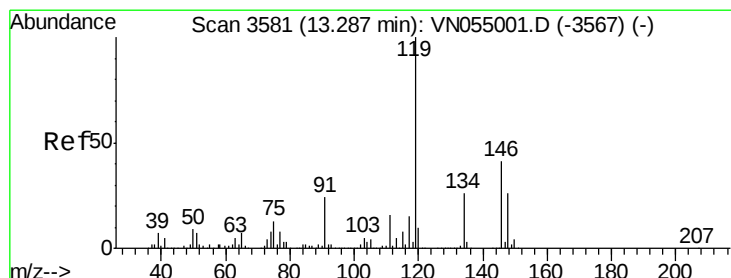
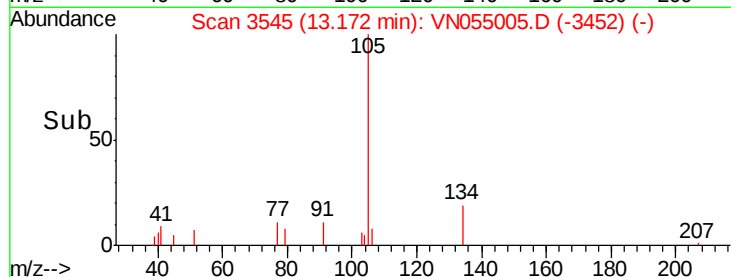
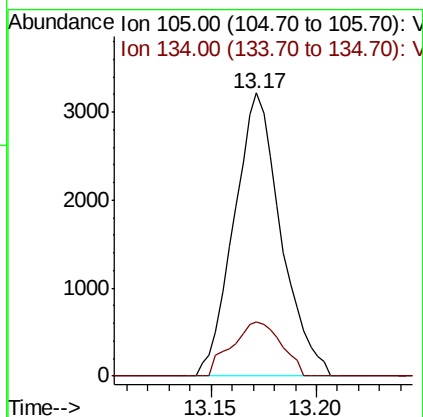
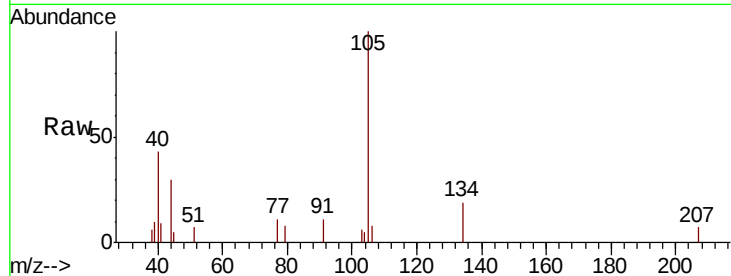




#85
 sec-Butylbenzene
 Concen: 0.291 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN055005.D
 Acq: 12 Apr 2019 17:56

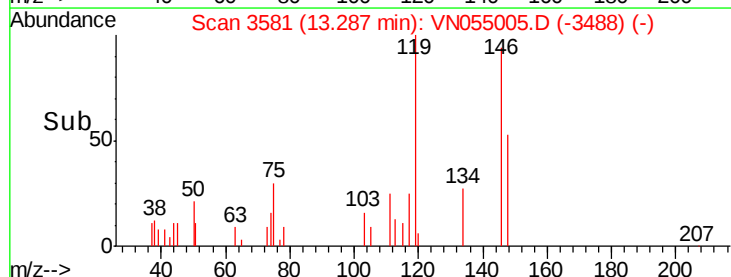
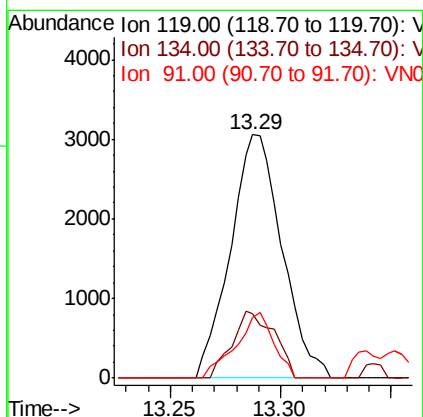
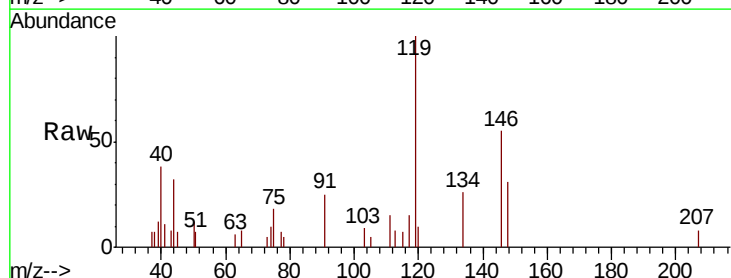
Instrument :
 MSVOA_N
 ClientSampled :
 VN0413WBL01

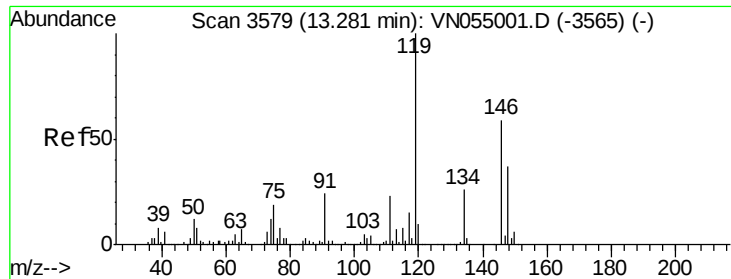
Tot Ion:105 Resp: 4963
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 0.334 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN055005.D
 Acq: 12 Apr 2019 17:56

Tgt Ion:119 Resp: 4952
 Ion Ratio Lower Upper
 119 100
 134 22.4 13.2 39.5
 91 19.9 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 0.444 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN055005.D

Acq: 12 Apr 2019 17:56

Instrument :

MSVOA_N

ClientSampled :

VN0413WBL01

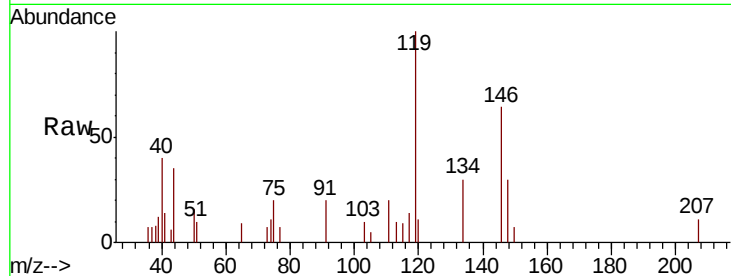
Tot Ion:146 Resp: 3396

Ion Ratio Lower Upper

146 100

111 31.7 19.5 58.5

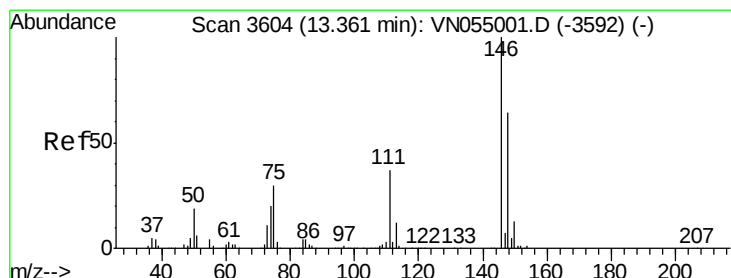
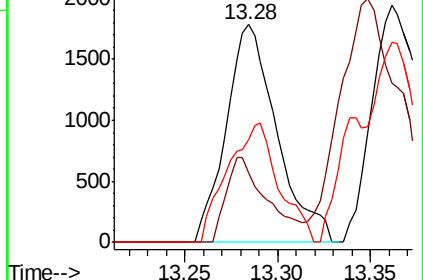
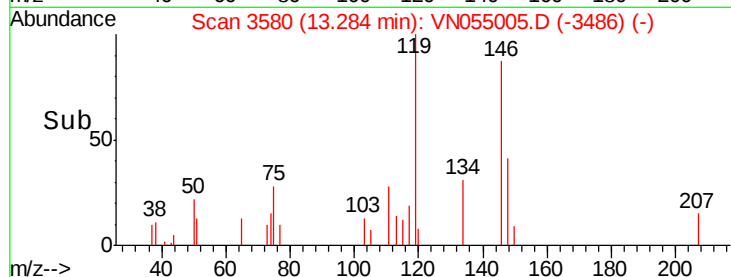
148 55.2 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 0.464 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.08 min

Lab File: VN055005.D

Acq: 12 Apr 2019 17:56

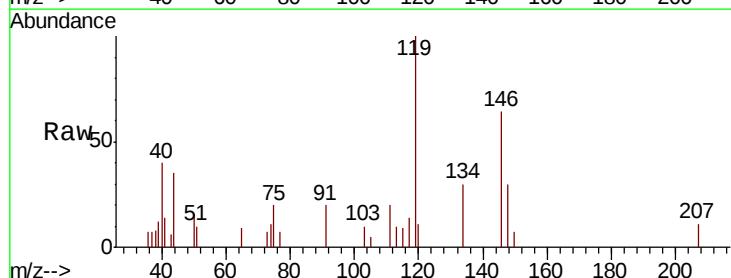
Tgt Ion:146 Resp: 3396

Ion Ratio Lower Upper

146 100

111 31.7 18.8 56.4

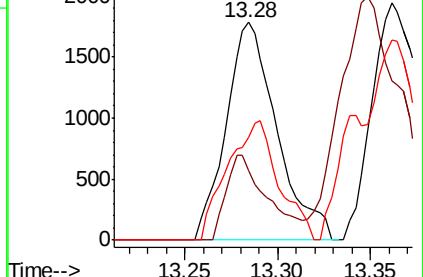
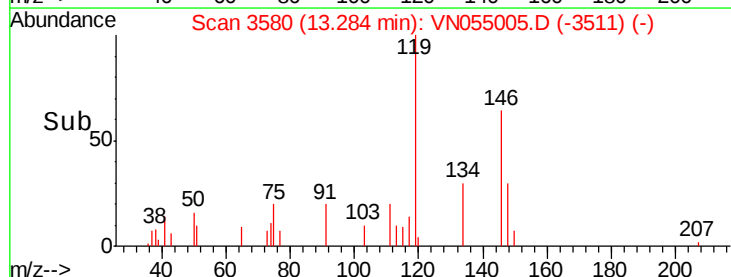
148 55.2 32.4 97.2

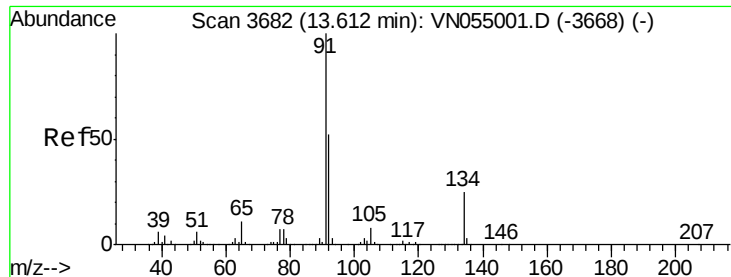


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

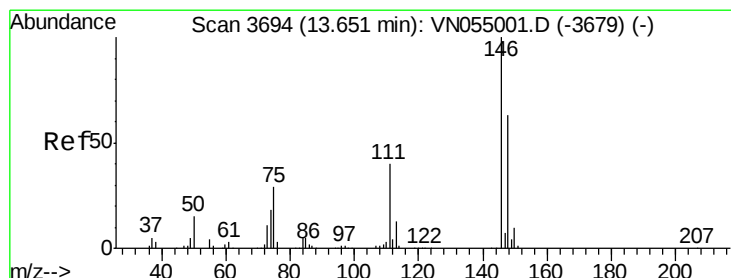
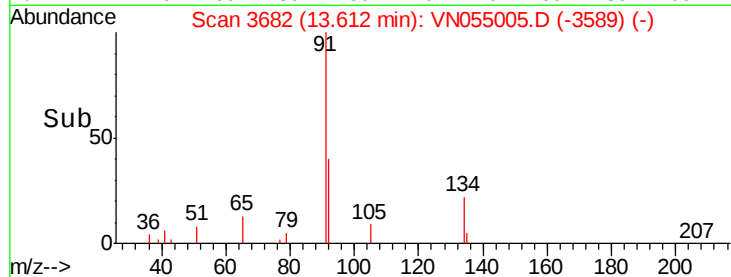
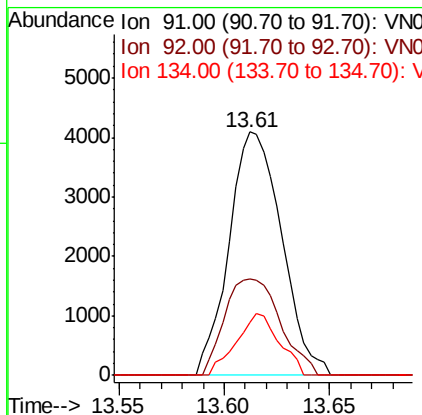
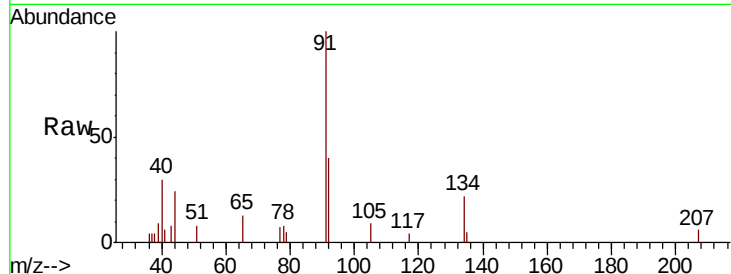




#89
n-Butylbenzene
Concen: 0.609 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN055005.D
Acq: 12 Apr 2019 17:56

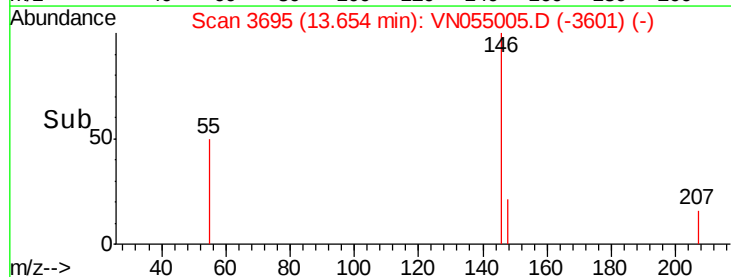
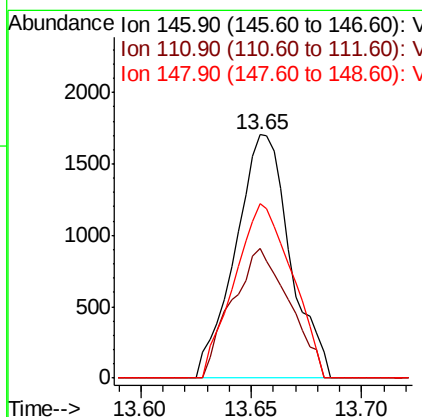
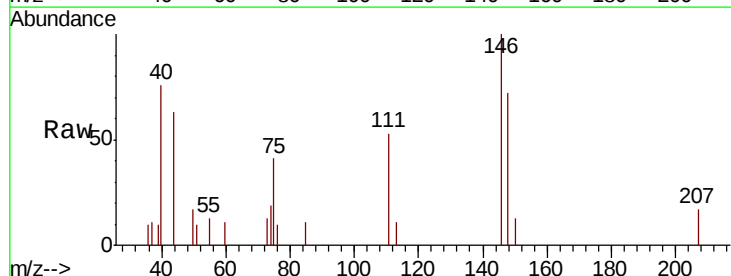
Instrument :
MSVOA_N
ClientSampled :
VN0413WBL01

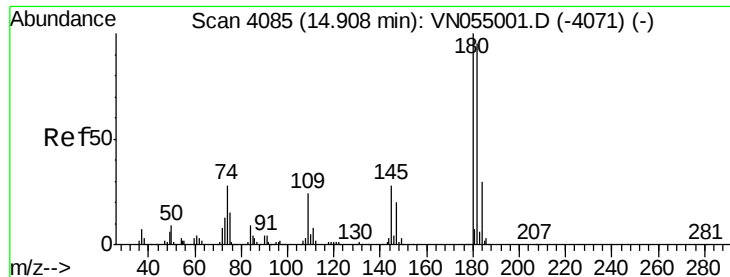
Tot Ion: 91 Resp: 7098
Ion Ratio Lower Upper
91 100
92 41.9 25.9 77.7
134 20.5 12.8 38.3



#91
1,2-Dichlorobenzene
Concen: 0.394 ug/l
RT: 13.65 min Scan# 3695
Delta R.T. 0.00 min
Lab File: VN055005.D
Acq: 12 Apr 2019 17:56

Tgt Ion: 146 Resp: 2929
Ion Ratio Lower Upper
146 100
111 55.9 20.3 60.9
148 75.5 32.2 96.6





#93

1,2,4-Trichlorobenzene

Concen: 4.772 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN055005.D

Acq: 12 Apr 2019 17:56

Instrument :

MSVOA_N

ClientSampleId :

VN0413WBL01

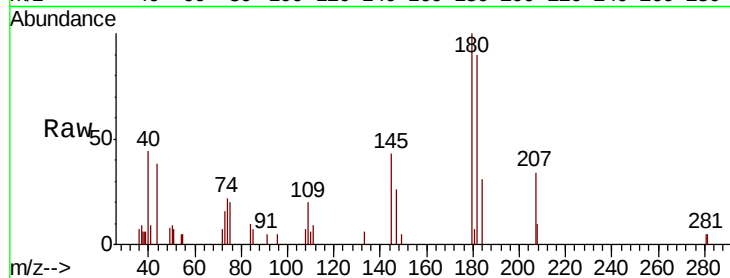
Tot Ion:180 Resp: 4927

Ion Ratio Lower Upper

180 100

182 102.1 47.5 142.6

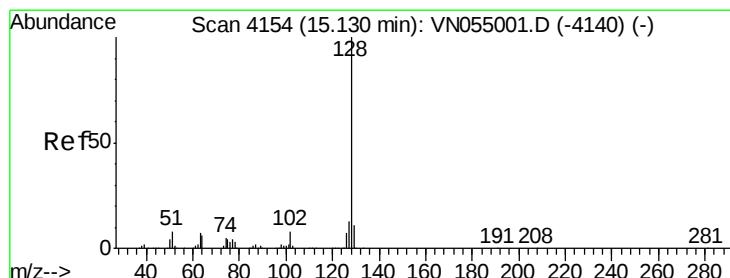
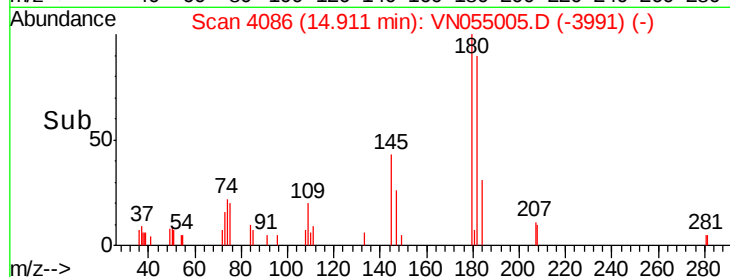
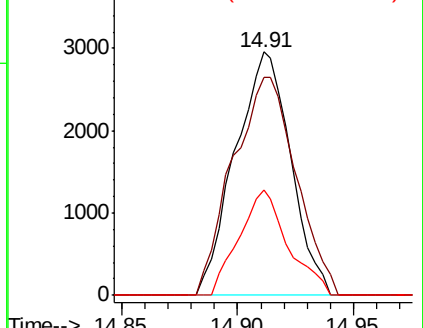
145 38.1 14.2 42.8



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



#95

Naphthalene

Concen: 5.986 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055005.D

Acq: 12 Apr 2019 17:56

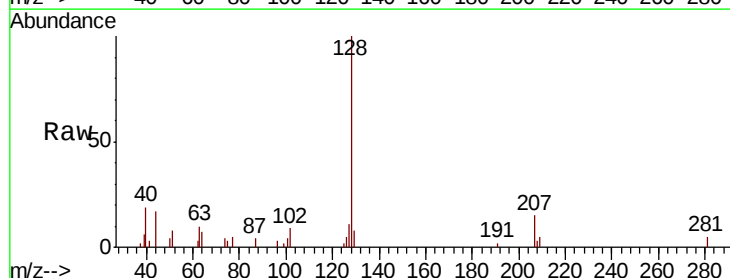
Tgt Ion:128 Resp: 12440

Ion Ratio Lower Upper

128 100

127 10.6 10.1 15.1

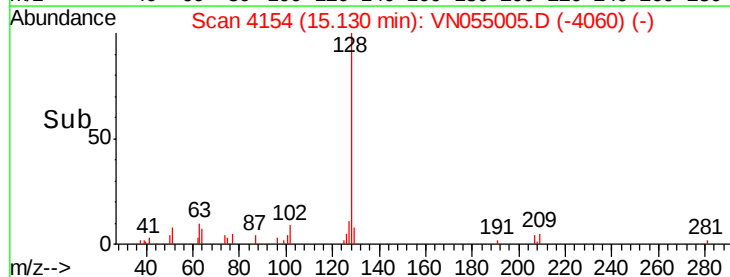
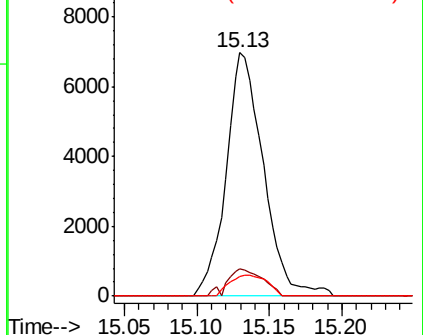
129 8.6 8.8 13.2#

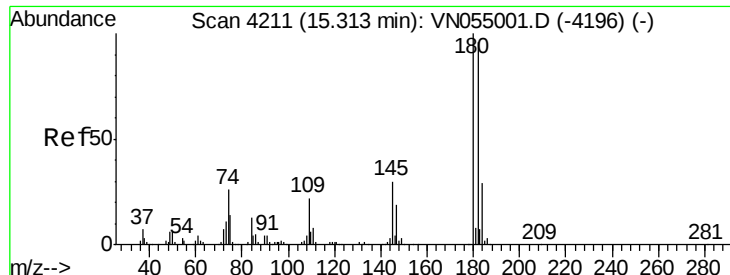


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

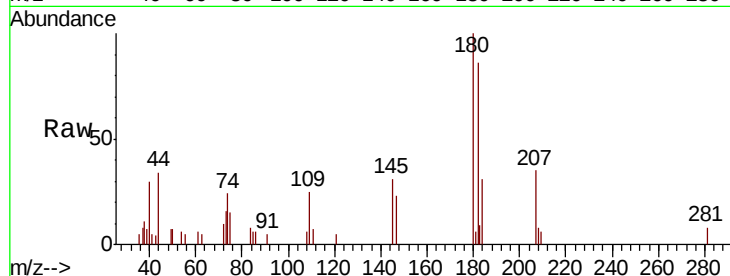




#96
 1,2,3-Trichlorobenzene
 Concen: 1.969 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN055005.D
 Acq: 12 Apr 2019 17:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0413WBL01

Tot Ion	Ratio	Lower	Upper
180	100		
182	90.1	48.0	144.0
145	28.8	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

