

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN040419\
 Data File : VN054943.D
 Acq On : 4 Apr 2019 12:55
 Operator : JC/SP
 Sample : VN0404MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0404MBL01

Quant Time: Apr 05 03:14:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N040419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 05 02:23:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	511872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	820003	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	681294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	225896	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	316494	46.90	ug/l	0.00
Spiked Amount			Recovery	=	93.80%	
35) Dibromofluoromethane	7.59	113	253526	47.50	ug/l	0.00
Spiked Amount			Recovery	=	95.00%	
50) Toluene-d8	10.09	98	972868	48.03	ug/l	0.00
Spiked Amount			Recovery	=	96.06%	
62) 4-Bromofluorobenzene	12.40	95	292238	43.24	ug/l	0.00
Spiked Amount			Recovery	=	86.48%	

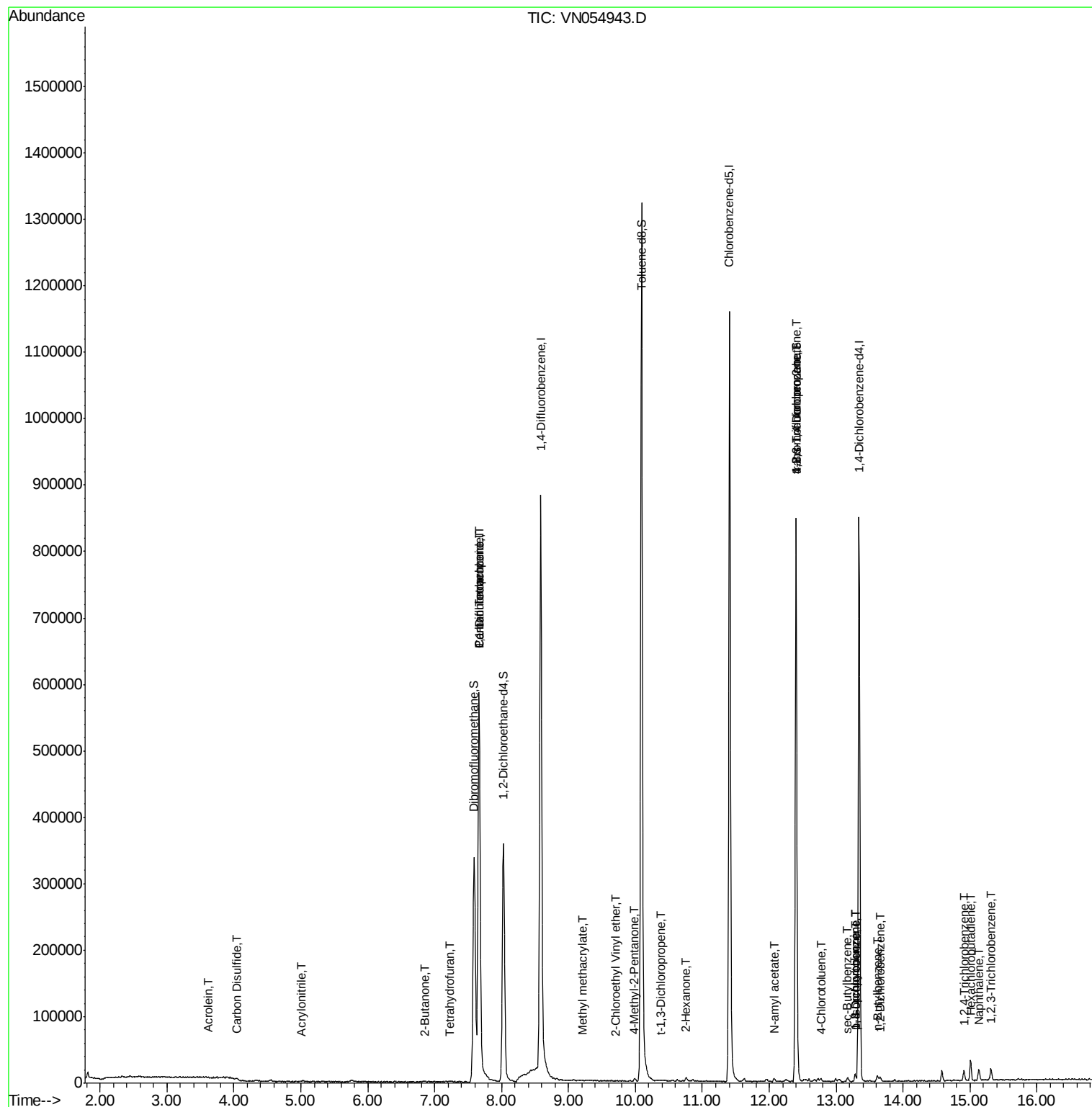
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.61	56	940	5.914	ug/l #	33
15) Acrylonitrile	5.01	53	1144	0.548	ug/l #	69
16) Acetone	3.83	43	1032	Below Cal	#	77
17) Carbon Disulfide	4.05	76	6385	0.445	ug/l	96
18) Methyl Acetate	4.34	43	4208	Below Cal	#	75
25) 2-Butanone	6.87	43	646	0.255	ug/l #	53
29) Tetrahydrofuran	7.22	42	431	0.259	ug/l #	39
31) Cyclohexane	7.66	56	10686	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	38354	4.721	ug/l #	49
38) Carbon Tetrachloride	7.66	117	46792	5.963	ug/l #	17
48) Methyl methacrylate	9.20	41	968	0.203	ug/l #	32
51) 4-Methyl-2-Pentanone	9.99	43	3151	0.601	ug/l #	87
53) t-1,3-Dichloropropene	10.39	75	425	2.078	ug/l #	44
58) 2-Chloroethyl Vinyl ether	9.70	63	240	9.934	ug/l #	51
59) 2-Hexanone	10.75	43	4498	1.374	ug/l	91
74) N-amyl acetate	12.07	43	2815	0.531	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.50	83	742	Below Cal	#	91
76) 1,2,3-Trichloropropane	12.40	75	151988	43.214	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	151988	155.416	ug/l #	4
82) 4-Chlorotoluene	12.77	91	2625	0.213	ug/l	96
85) sec-Butylbenzene	13.17	105	4390	0.255	ug/l	96
86) p-Isopropyltoluene	13.29	119	3491	0.235	ug/l	93
87) 1,3-Dichlorobenzene	13.29	146	2428	0.316	ug/l	78
88) 1,4-Dichlorobenzene	13.29	146	2428	0.332	ug/l	79
89) n-Butylbenzene	13.62	91	6078	0.512	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	3186	0.422	ug/l	95
93) 1,2,4-Trichlorobenzene	14.91	180	4993	3.658	ug/l	93
94) Hexachlorobutadiene	15.01	225	5814	2.303	ug/l	99
95) Naphthalene	15.13	128	14098	4.423	ug/l	97
96) 1,2,3-Trichlorobenzene	15.32	180	6228	1.797	ug/l	99

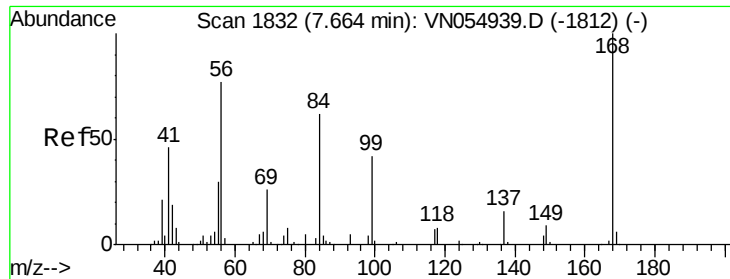
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 05 02:23:47 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: VN054943.D

Acq: 4 Apr 2019 12:55

Instrument :

MSVOA_N

ClientSampleId :

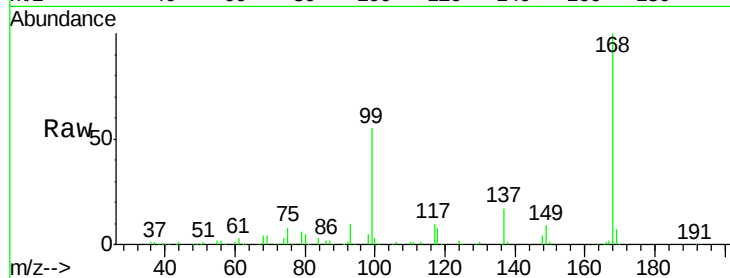
VN0404MBL01

Tgt Ion:168 Resp: 511872

Ion Ratio Lower Upper

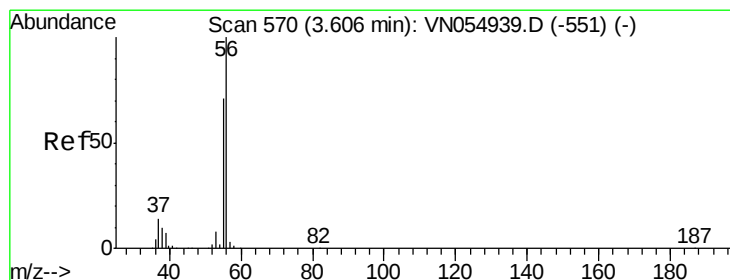
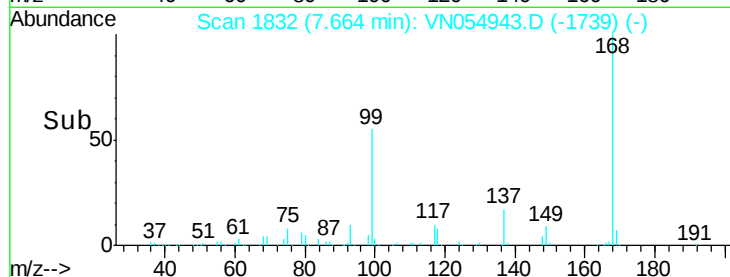
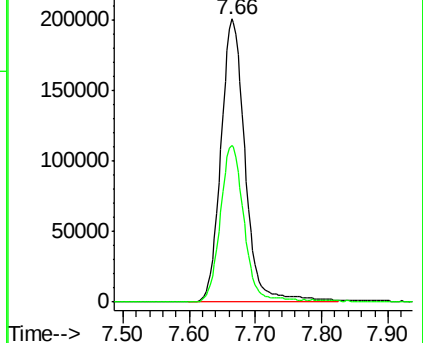
168 100

99 55.5 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#13

Acrolein

Concen: 5.914 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.01 min

Lab File: VN054943.D

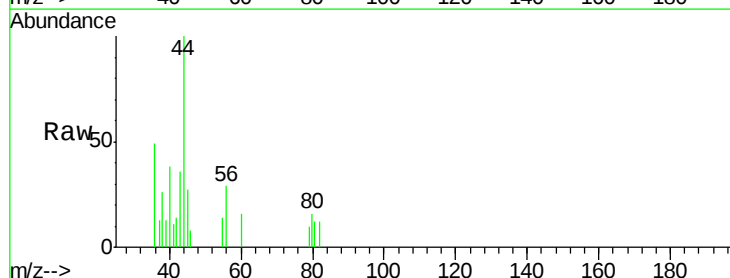
Acq: 4 Apr 2019 12:55

Tgt Ion: 56 Resp: 940

Ion Ratio Lower Upper

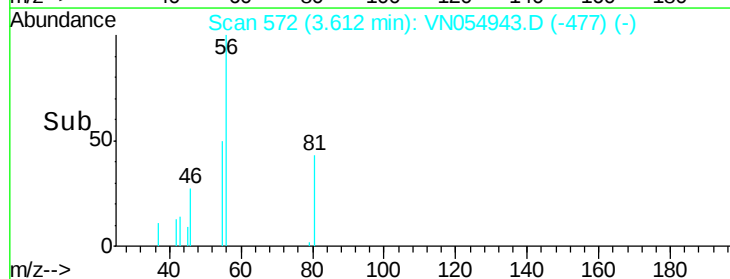
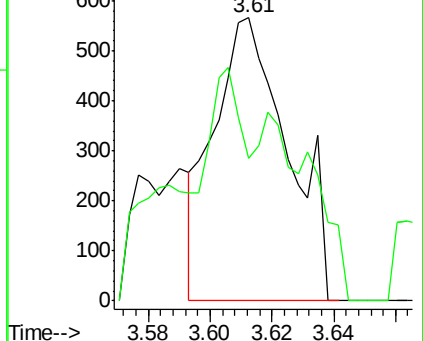
56 100

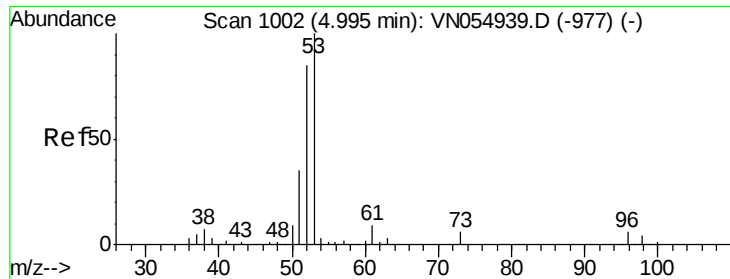
55 16.8 58.6 87.8#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0





#15

Acrylonitrile

Concen: 0.548 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. 0.01 min

Lab File: VN054943.D

Acq: 4 Apr 2019 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0404MBL01

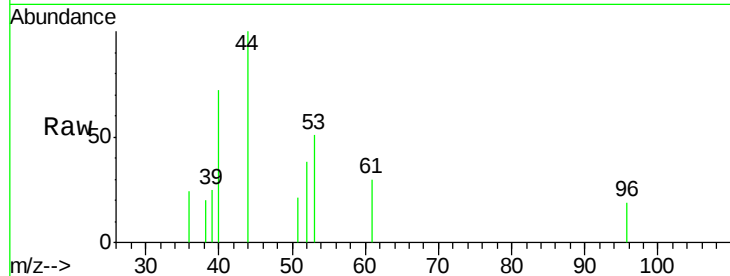
Tgt Ion: 53 Resp: 1144

Ion Ratio Lower Upper

53 100

52 63.6 66.4 99.6#

51 5.5 29.5 44.3#



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0

5.01

400

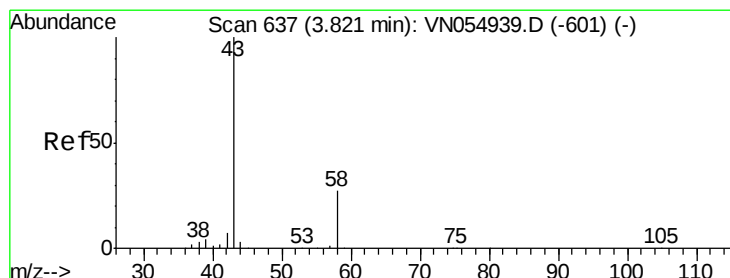
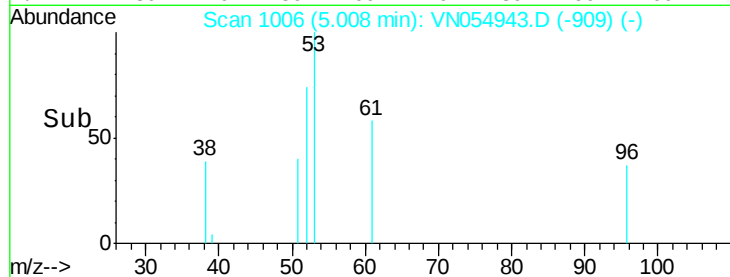
300

200

100

0

Time-->



#16

Acetone

Concen: Below Cal

RT: 3.83 min Scan# 640

Delta R.T. 0.01 min

Lab File: VN054943.D

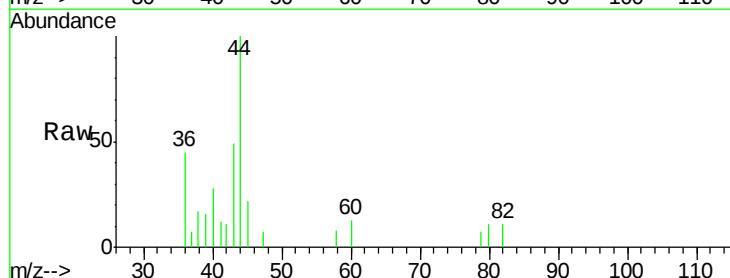
Acq: 4 Apr 2019 12:55

Tgt Ion: 43 Resp: 1032

Ion Ratio Lower Upper

43 100

58 39.3 21.7 32.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

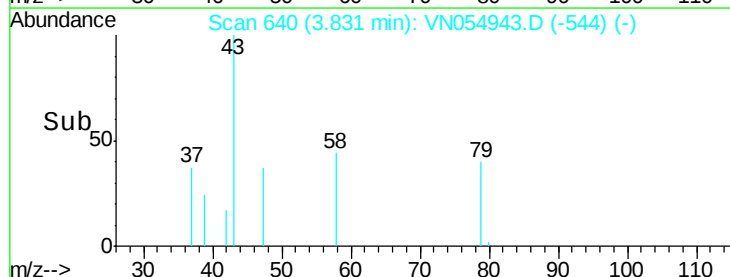
3.83

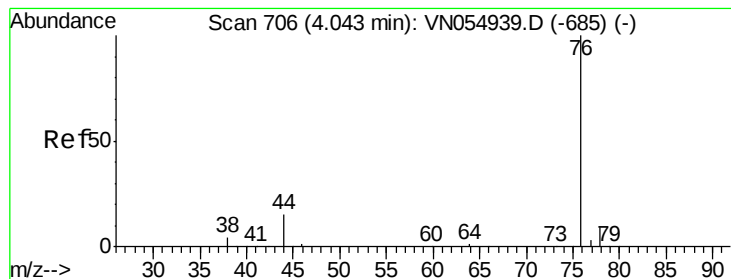
1000

500

0

Time-->





#17

Carbon Disulfide

Concen: 0.445 ug/l

RT: 4.05 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN054943.D

Acq: 4 Apr 2019 12:55

Instrument :

MSVOA_N

ClientSampleId :

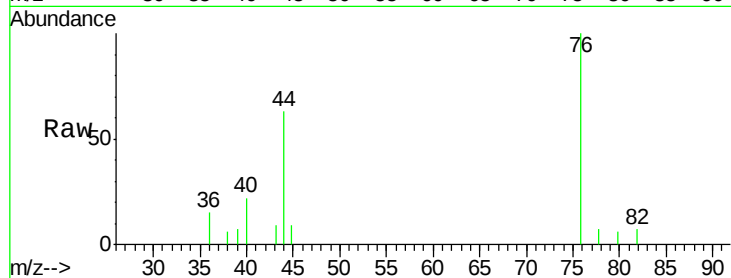
VN0404MBL01

Tgt Ion: 76 Resp: 6385

Ion Ratio Lower Upper

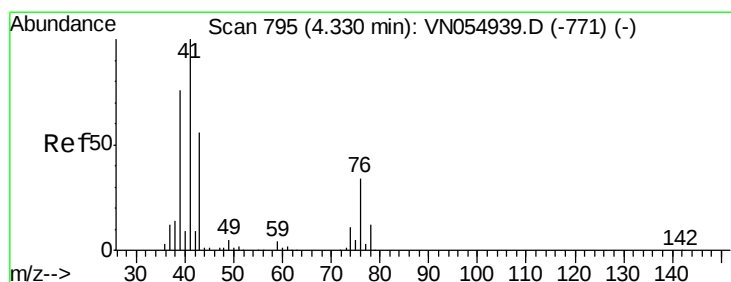
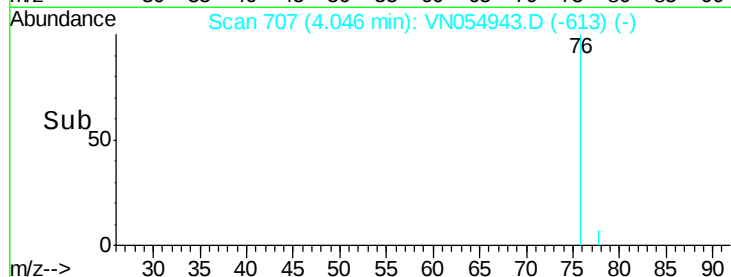
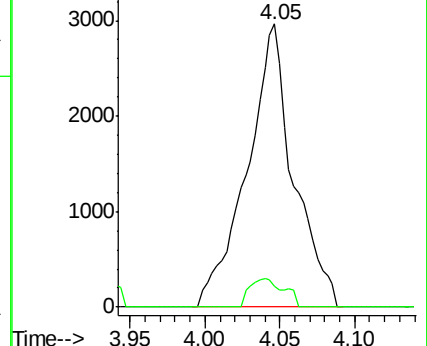
76 100

78 7.5 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN054943.D

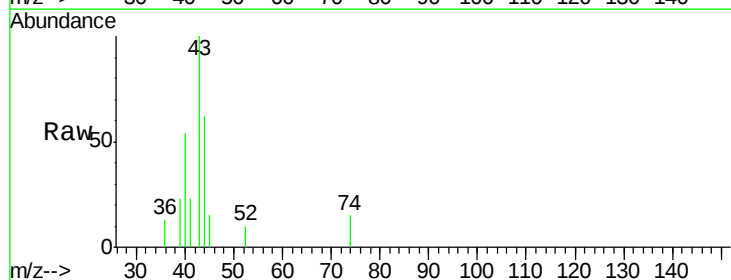
Acq: 4 Apr 2019 12:55

Tgt Ion: 43 Resp: 4208

Ion Ratio Lower Upper

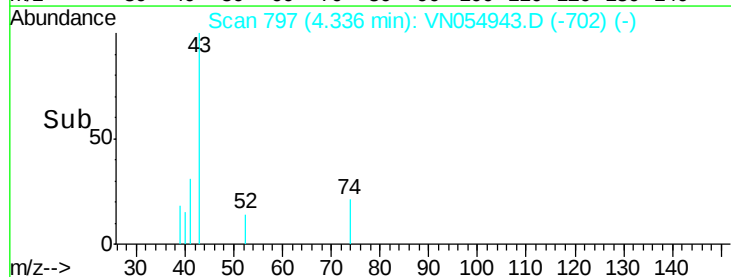
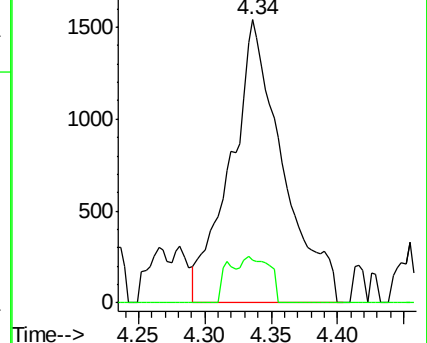
43 100

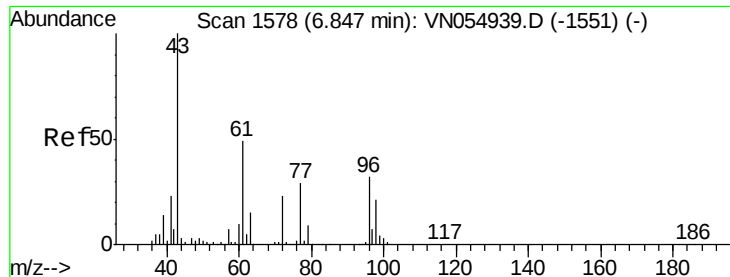
74 9.0 16.4 24.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#25

2-Butanone

Concen: 0.255 ug/l

RT: 6.87 min Scan# 1584

Delta R.T. 0.02 min

Lab File: VN054943.D

Acq: 4 Apr 2019 12:55

Instrument :

MSVOA_N

ClientSampled :

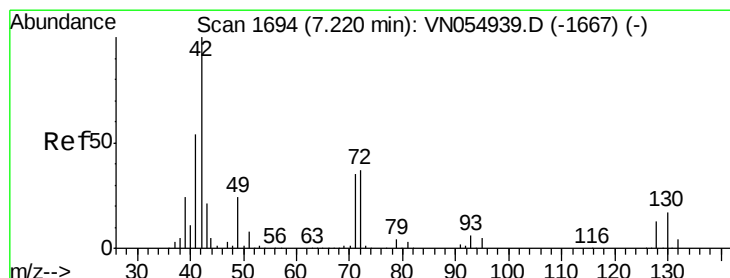
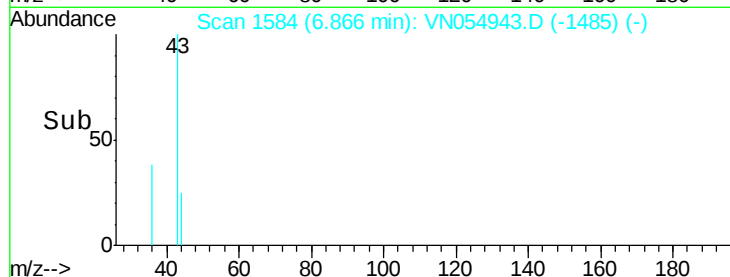
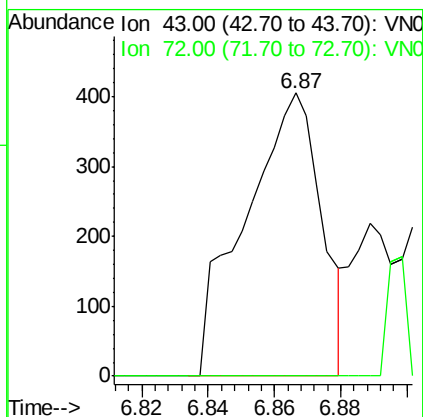
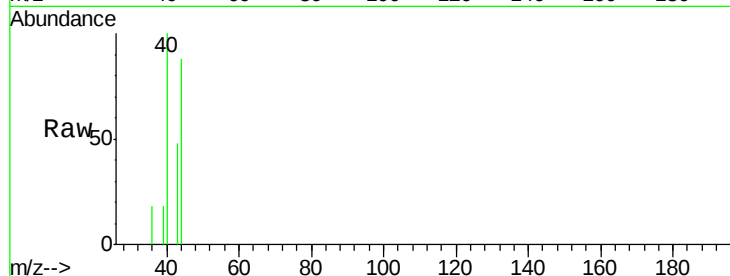
VN0404MBL01

Tgt Ion: 43 Resp: 646

Ion Ratio Lower Upper

43 100

72 0.0 18.3 27.5#



#29

Tetrahydrofuran

Concen: 0.259 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VN054943.D

Acq: 4 Apr 2019 12:55

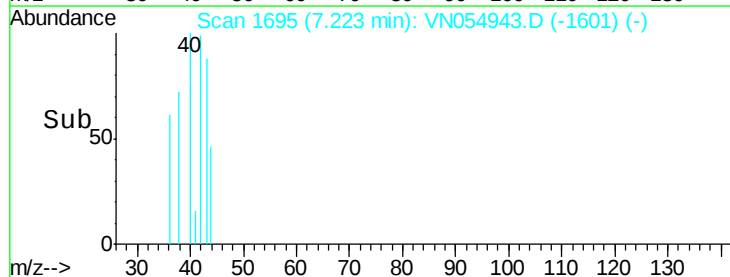
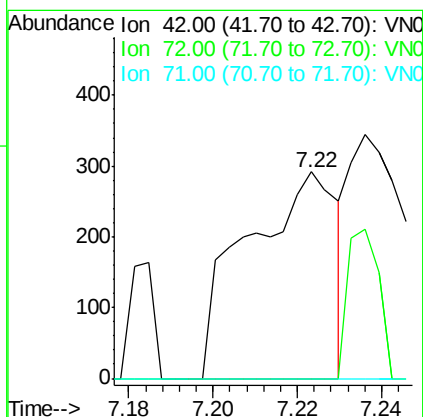
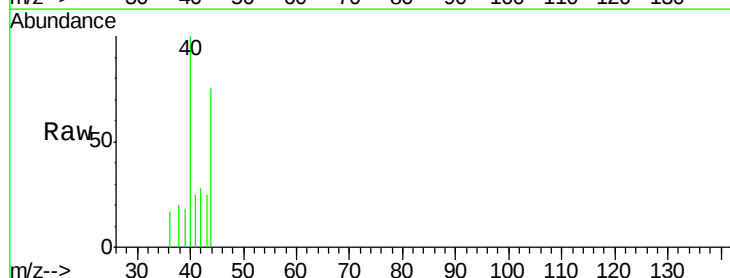
Tgt Ion: 42 Resp: 431

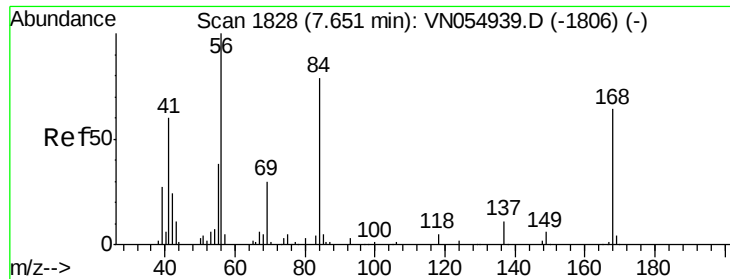
Ion Ratio Lower Upper

42 100

72 0.0 29.3 43.9#

71 0.0 27.8 41.6#

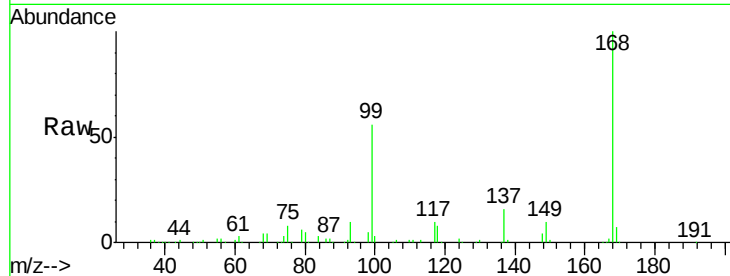




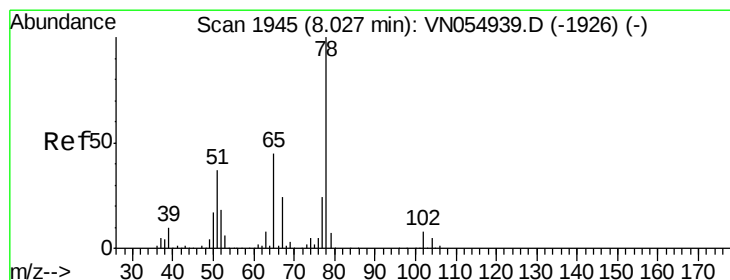
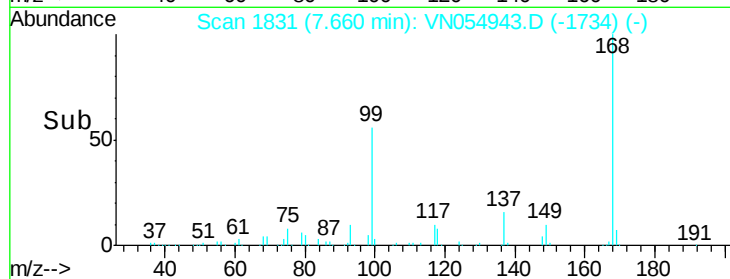
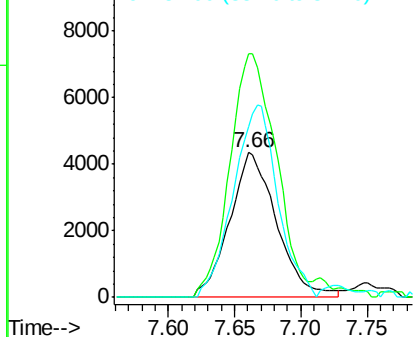
#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN054943.D
Acq: 4 Apr 2019 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0404MBL01

Tgt Ion: 56 Resp: 10686
Ion Ratio Lower Upper
56 100
69 167.9 23.8 35.6#
84 117.5 61.8 92.8#

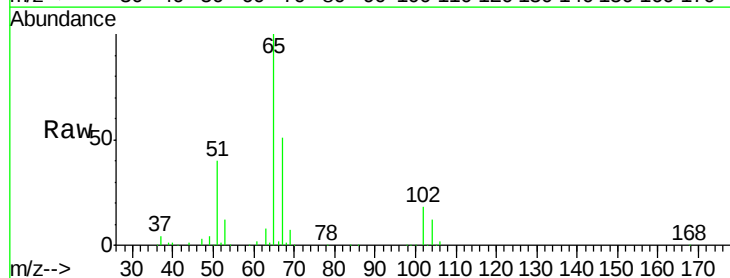


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

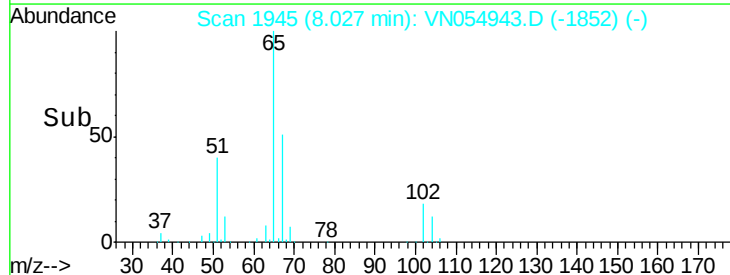
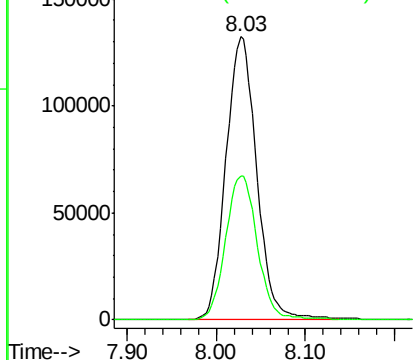


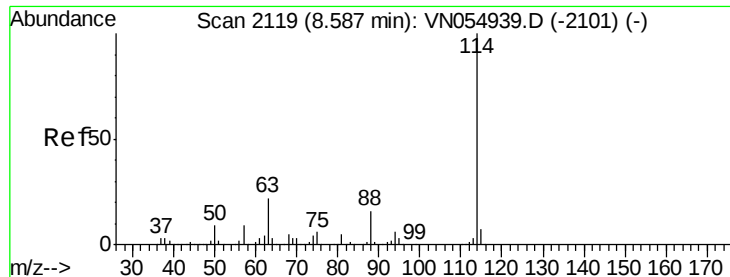
#33
1,2-Dichloroethane-d4
Concen: 46.896 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN054943.D
Acq: 4 Apr 2019 12:55

Tgt Ion: 65 Resp: 316494
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

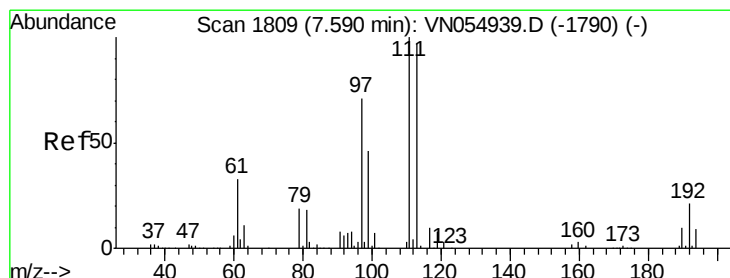
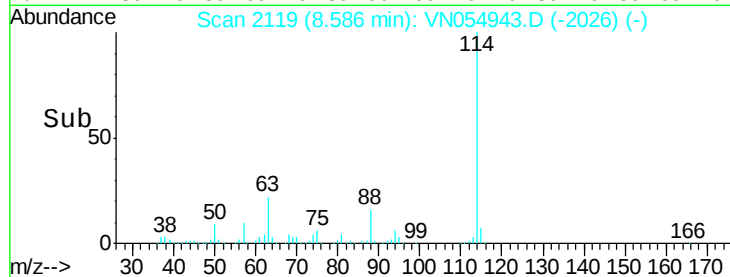
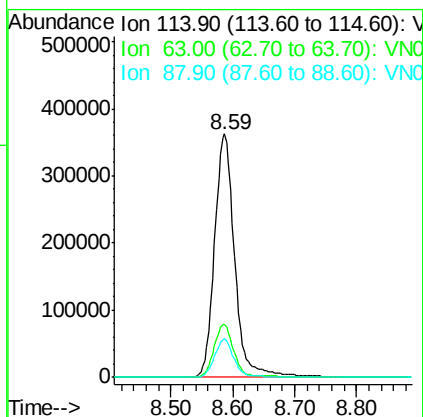
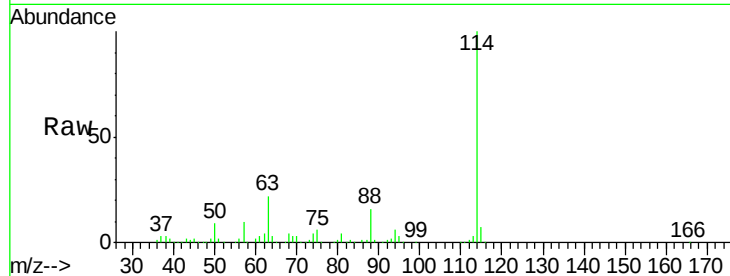




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054943.D
 Acq: 4 Apr 2019 12:55

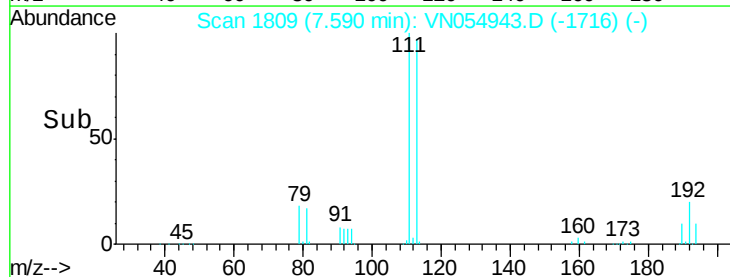
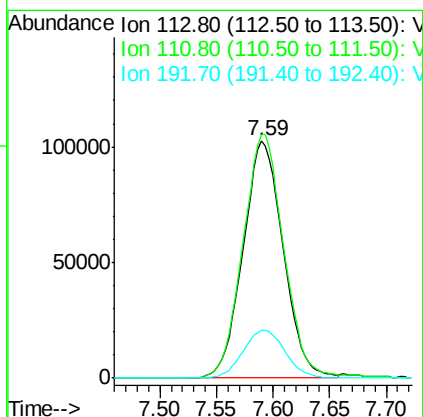
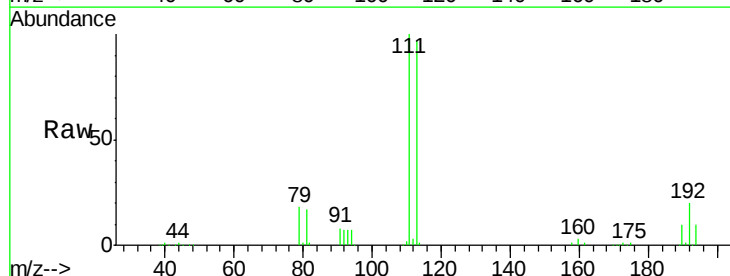
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0404MBL01

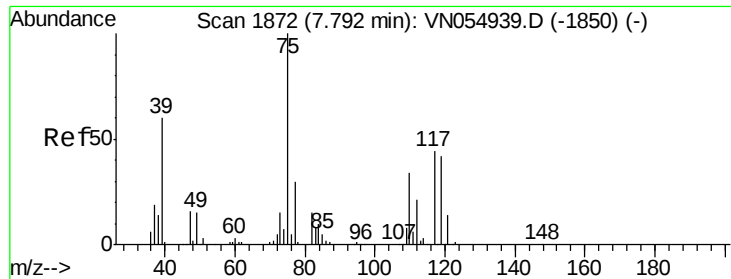
Tgt Ion:114 Resp: 820003
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 44.6
 88 15.8 0.0 32.0



#35
 Dibromofluoromethane
 Concen: 47.496 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN054943.D
 Acq: 4 Apr 2019 12:55

Tgt Ion:113 Resp: 253526
 Ion Ratio Lower Upper
 113 100
 111 105.0 81.0 121.4
 192 21.3 16.5 24.7

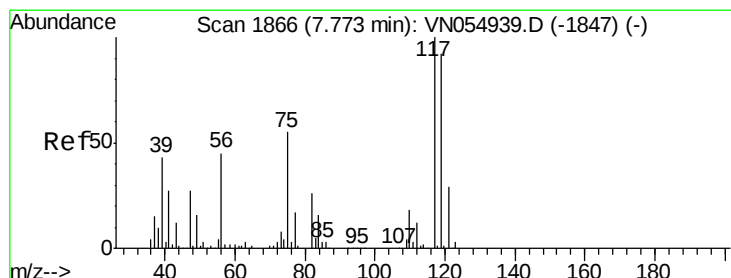
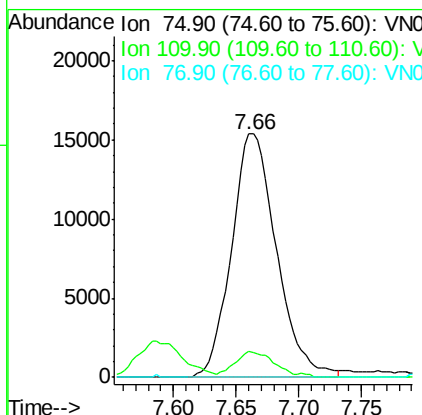
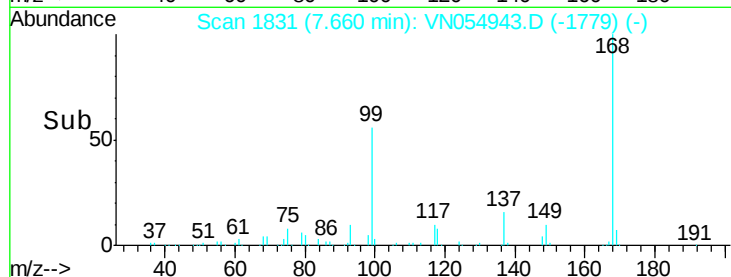
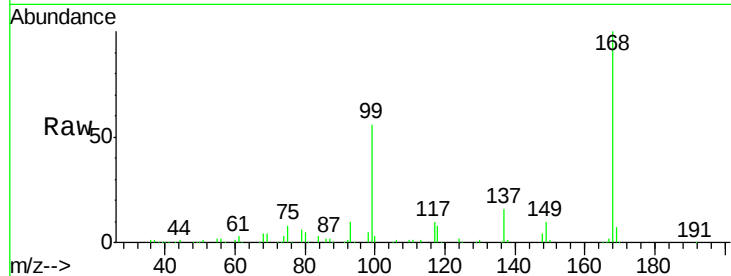




#36
 1,1-Dichloropropene
 Concen: 4.721 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN054943.D
 Acq: 4 Apr 2019 12:55

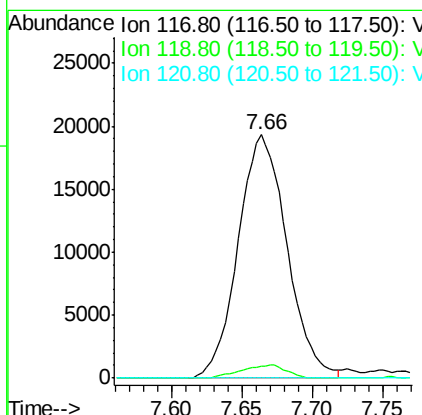
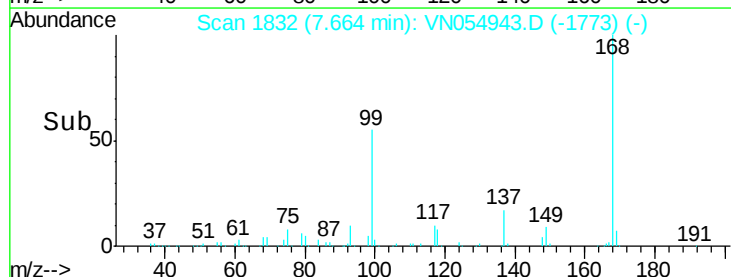
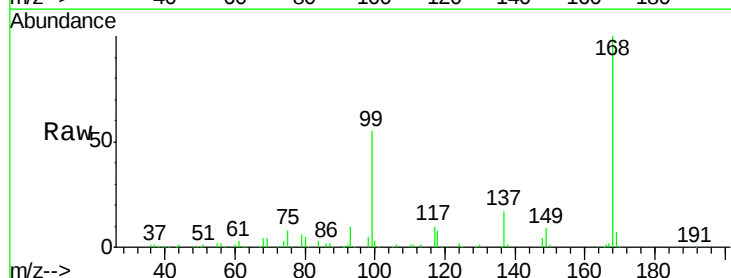
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0404MBL01

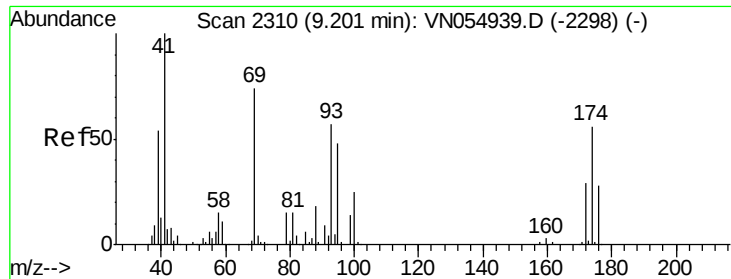
Tgt Ion: 75 Resp: 38354
 Ion Ratio Lower Upper
 75 100
 110 7.7 17.0 50.9#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 5.963 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN054943.D
 Acq: 4 Apr 2019 12:55

Tgt Ion: 117 Resp: 46792
 Ion Ratio Lower Upper
 117 100
 119 4.7 73.6 110.4#
 121 0.0 23.4 35.0#

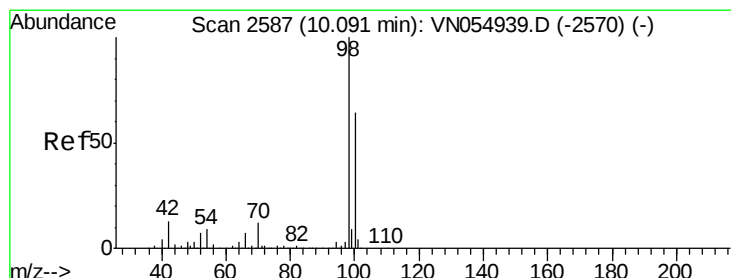
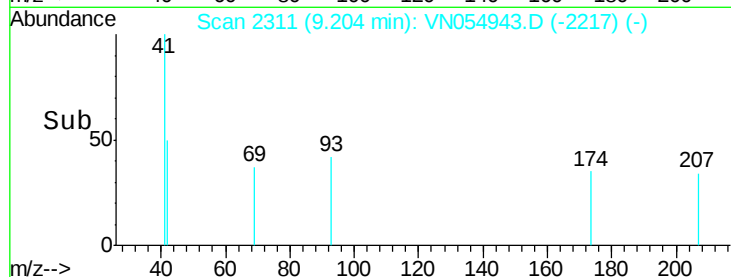
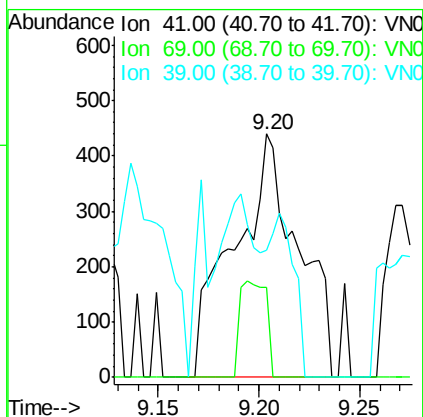
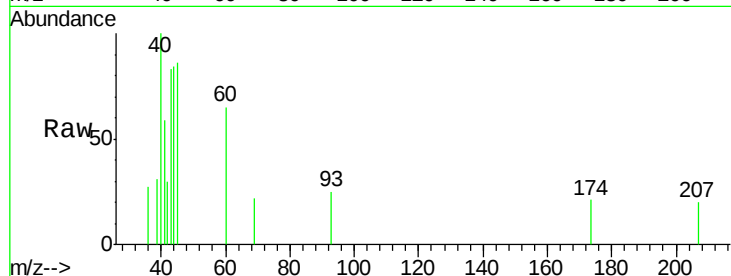




#48
Methyl methacrylate
Concen: 0.203 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN054943.D
Acq: 4 Apr 2019 12:55

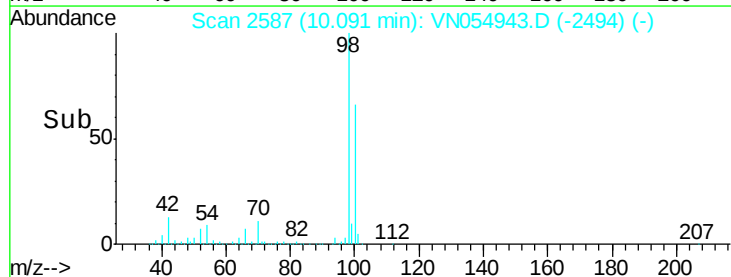
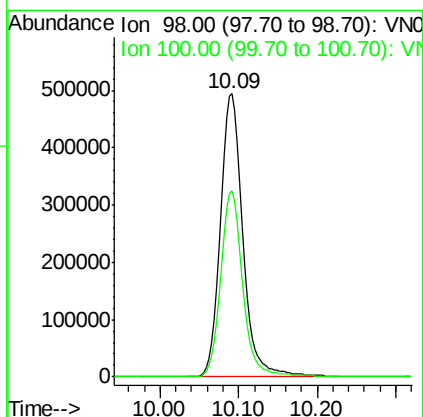
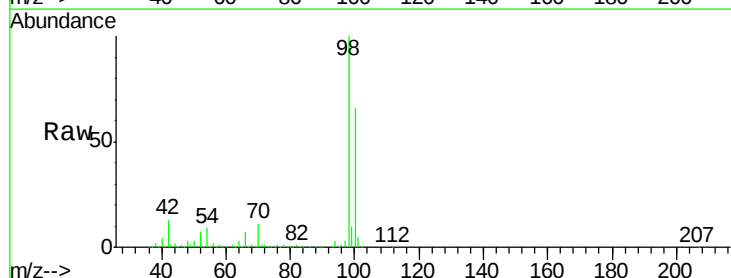
Instrument :
MSVOA_N
ClientSampled :
VN0404MBL01

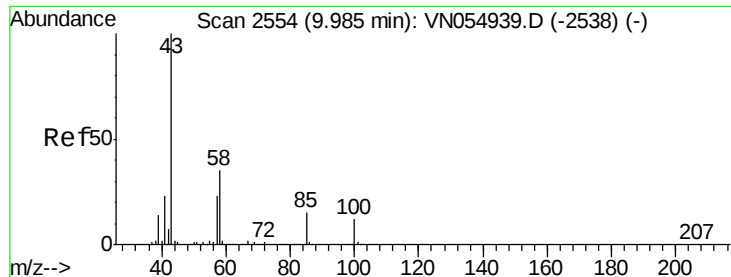
Tgt Ion: 41 Resp: 968
Ion Ratio Lower Upper
41 100
69 0.0 58.9 88.3#
39 24.2 44.2 66.4#



#50
Toluene-d8
Concen: 48.034 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054943.D
Acq: 4 Apr 2019 12:55

Tgt Ion: 98 Resp: 972868
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3

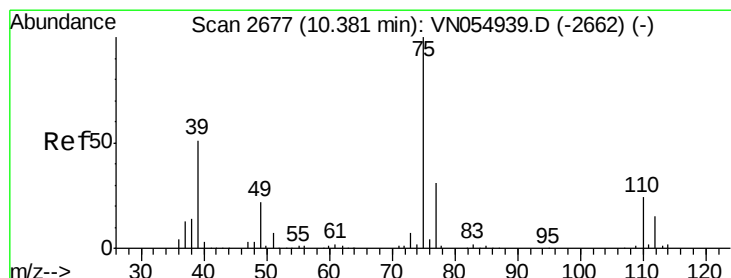
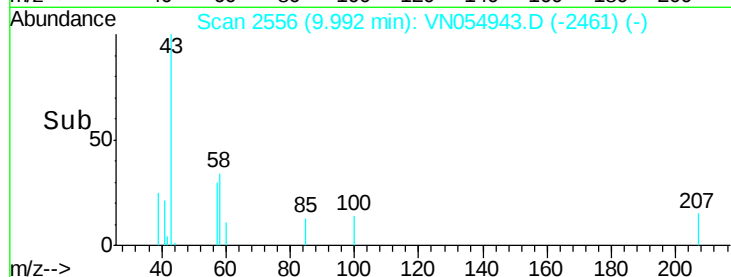
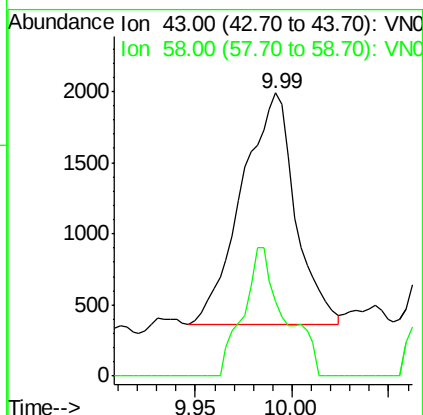
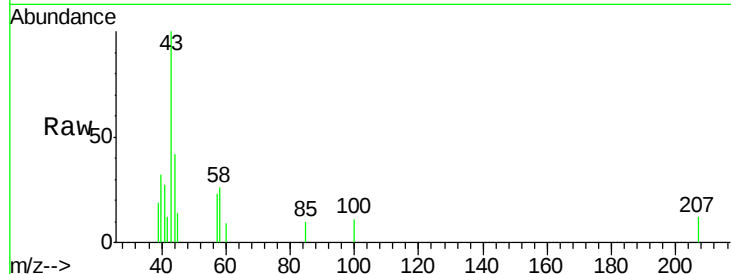




#51
4-Methyl-2-Pentanone
Concen: 0.601 ug/l
RT: 9.99 min Scan# 2556
Delta R.T. 0.01 min
Lab File: VN054943.D
Acq: 4 Apr 2019 12:55

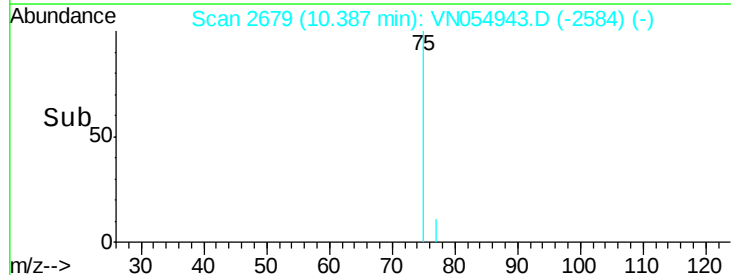
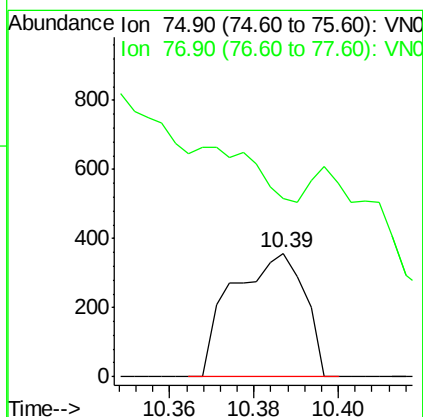
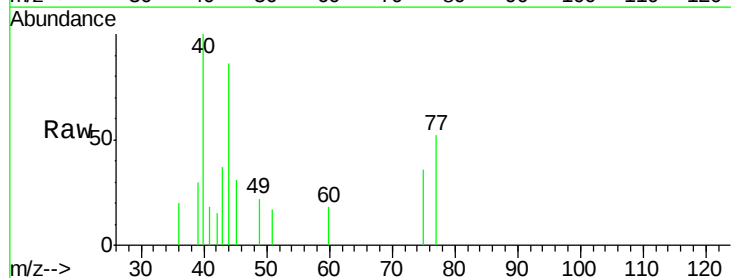
Instrument :
MSVOA_N
ClientSampleId :
VN0404MBL01

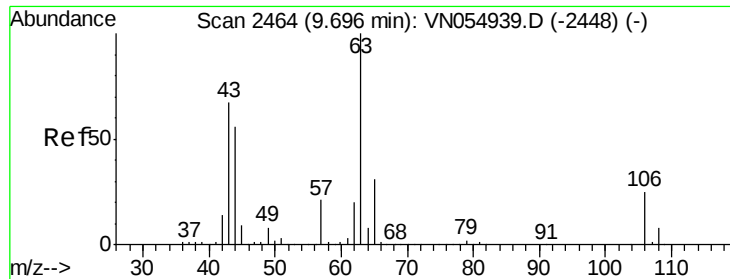
Tgt Ion: 43 Resp: 3151
Ion Ratio Lower Upper
43 100
58 42.8 28.3 42.5#



#53
t-1,3-Dichloropropene
Concen: 2.078 ug/l
RT: 10.39 min Scan# 2679
Delta R.T. 0.01 min
Lab File: VN054943.D
Acq: 4 Apr 2019 12:55

Tgt Ion: 75 Resp: 425
Ion Ratio Lower Upper
75 100
77 0.0 24.6 36.8#

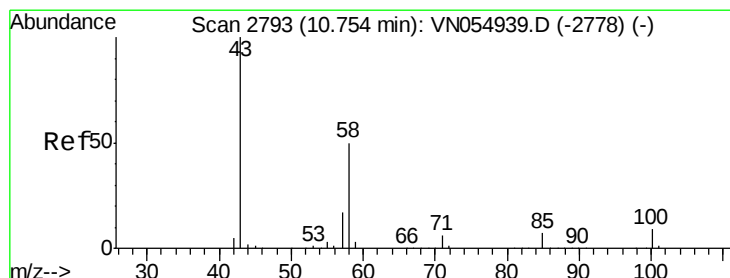
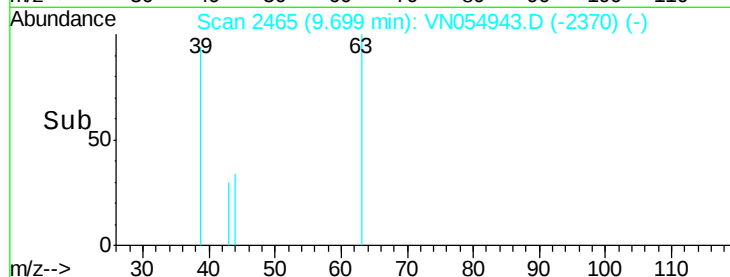
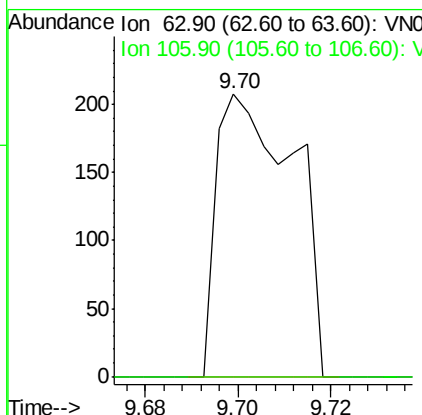
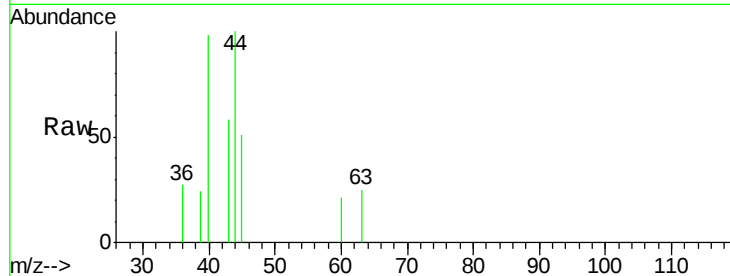




#58
 2-Chloroethyl Vinyl ether
 Concen: 9.934 ug/l
 RT: 9.70 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: VN054943.D
 Acq: 4 Apr 2019 12:55

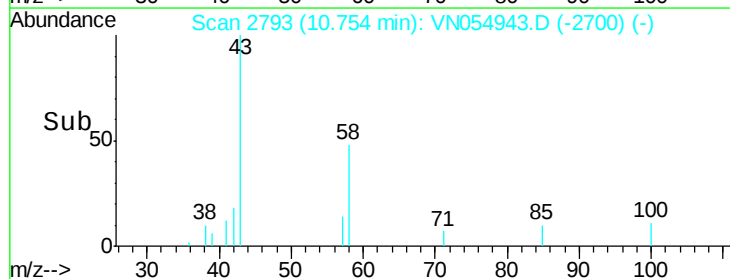
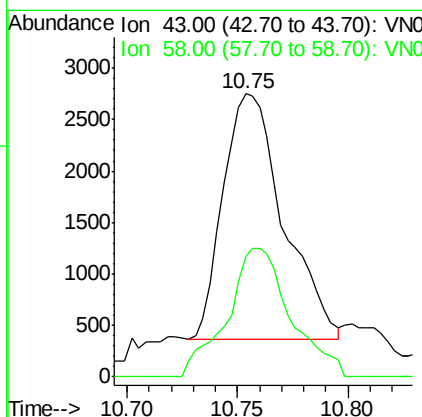
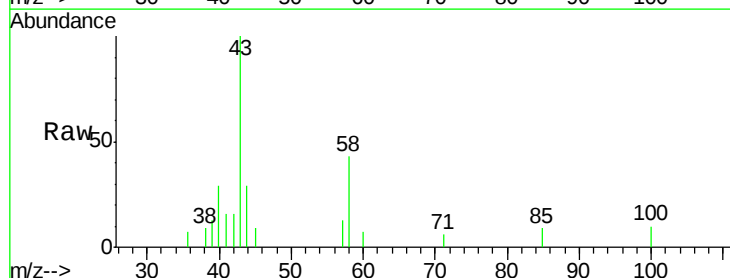
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0404MBL01

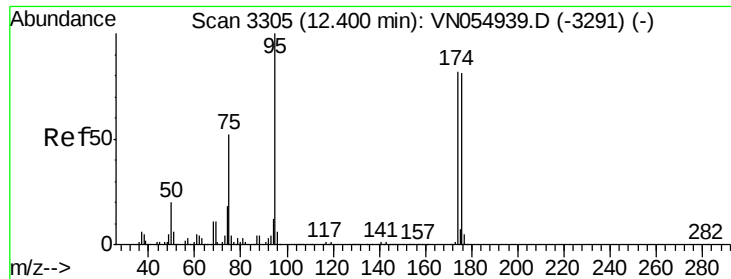
Tgt Ion: 63 Resp: 240
 Ion Ratio Lower Upper
 63 100
 106 0.0 19.7 29.5#



#59
 2-Hexanone
 Concen: 1.374 ug/l
 RT: 10.75 min Scan# 2793
 Delta R.T. -0.00 min
 Lab File: VN054943.D
 Acq: 4 Apr 2019 12:55

Tgt Ion: 43 Resp: 4498
 Ion Ratio Lower Upper
 43 100
 58 55.6 24.6 73.8





#62

4-Bromofluorobenzene

Concen: 43.235 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054943.D

Acq: 4 Apr 2019 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0404MBL01

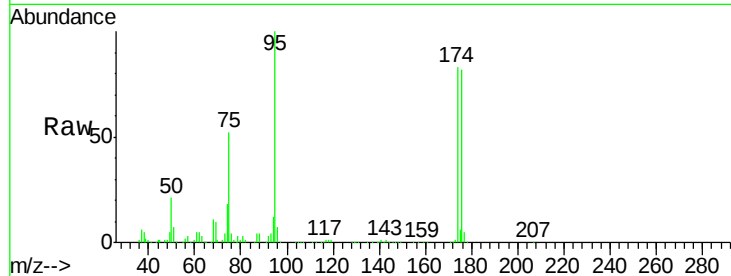
Tgt Ion: 95 Resp: 292238

Ion Ratio Lower Upper

95 100

174 84.5 0.0 166.2

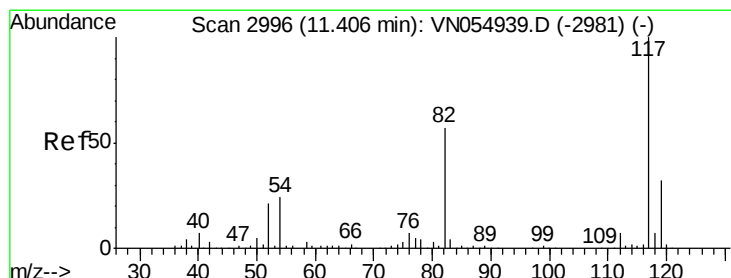
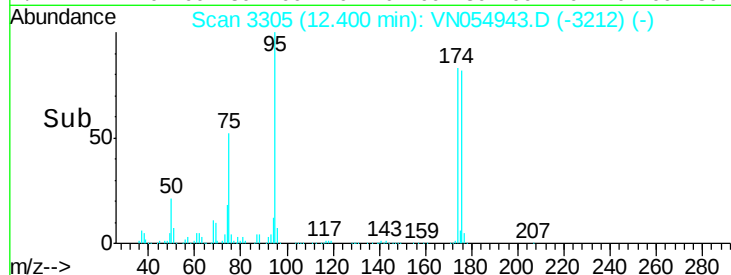
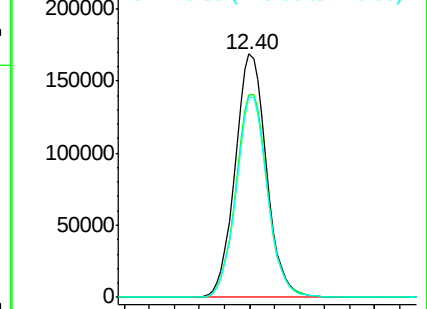
176 82.4 0.0 163.2



Abundance Ion 94.90 (94.60 to 95.60): VN054943.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054943.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054943.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054943.D

Acq: 4 Apr 2019 12:55

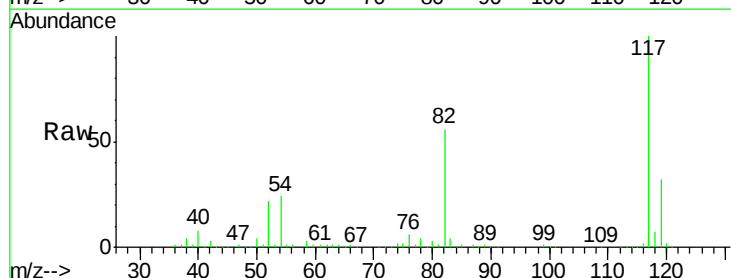
Tgt Ion: 117 Resp: 681294

Ion Ratio Lower Upper

117 100

82 56.1 45.3 67.9

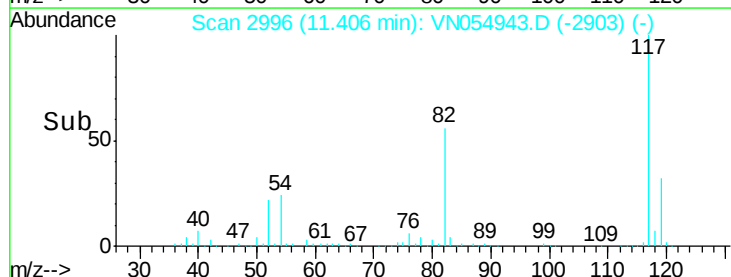
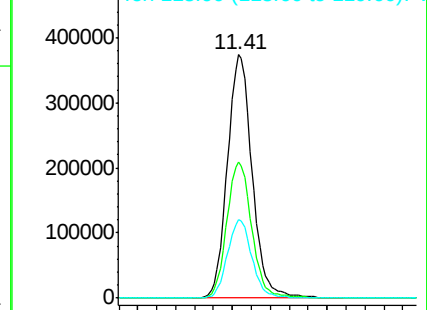
119 32.3 25.8 38.6

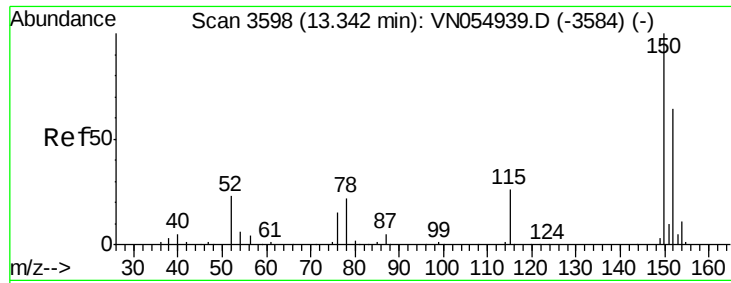


Abundance Ion 116.90 (116.60 to 117.60): VN054943.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN054943.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN054943.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054943.D

Acq: 4 Apr 2019 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0404MBL01

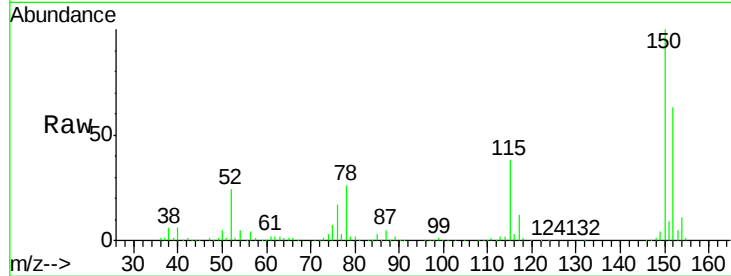
Tgt Ion:152 Resp: 225896

Ion Ratio Lower Upper

152 100

115 58.6 28.9 86.8

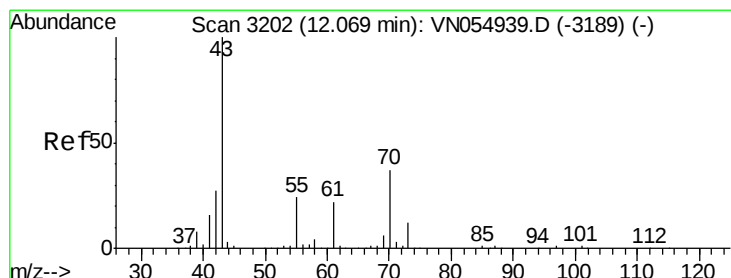
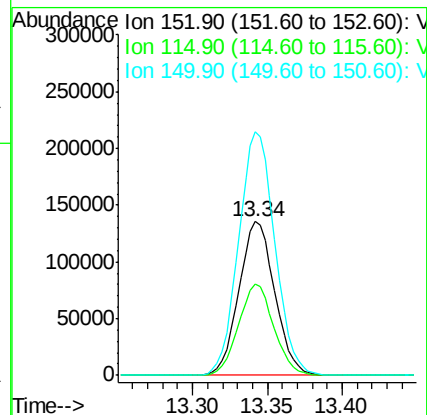
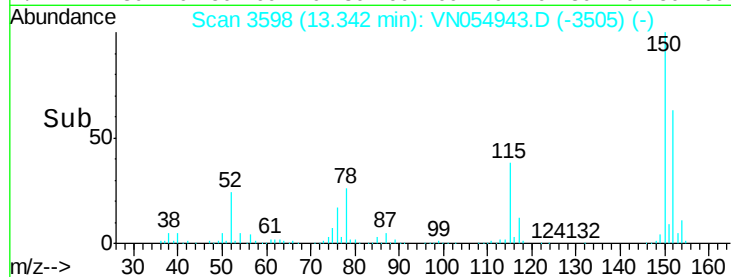
150 160.2 0.0 345.4



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



#74

N-ethyl acetate

Concen: 0.531 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN054943.D

Acq: 4 Apr 2019 12:55

Tgt Ion: 43 Resp: 2815

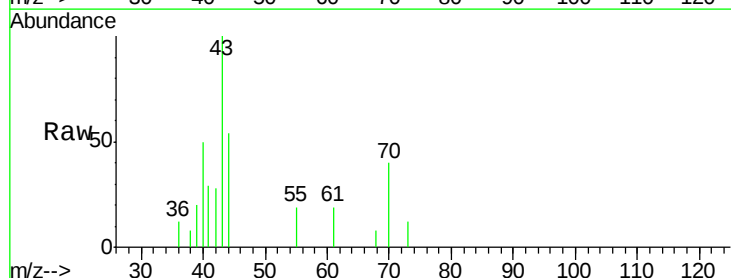
Ion Ratio Lower Upper

43 100

70 51.4 29.3 43.9#

55 21.1 19.2 28.8

61 21.4 17.4 26.2

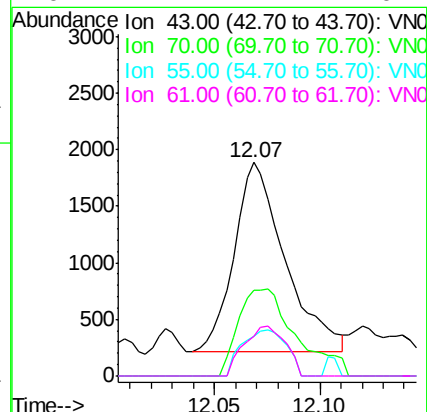
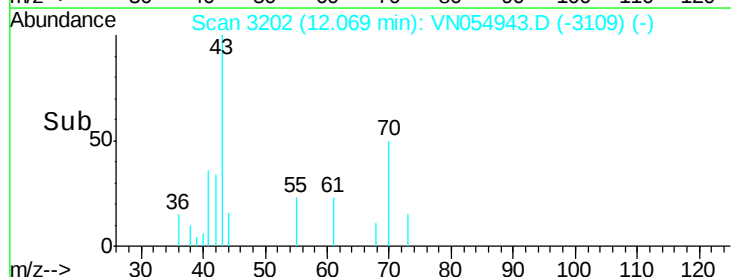


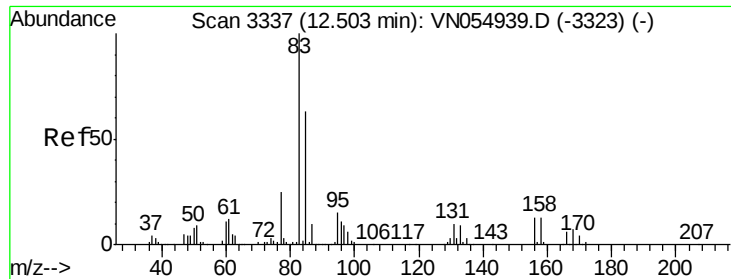
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN054943.D

Acq: 4 Apr 2019 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0404MBL01

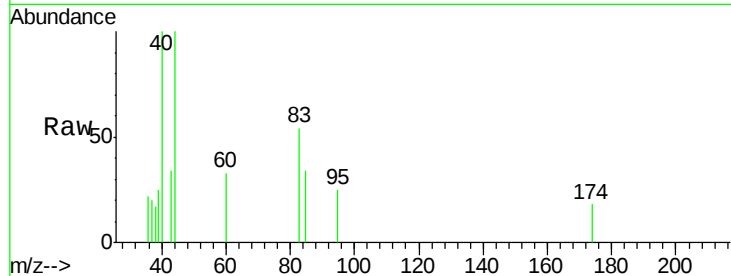
Tgt Ion: 83 Resp: 742

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

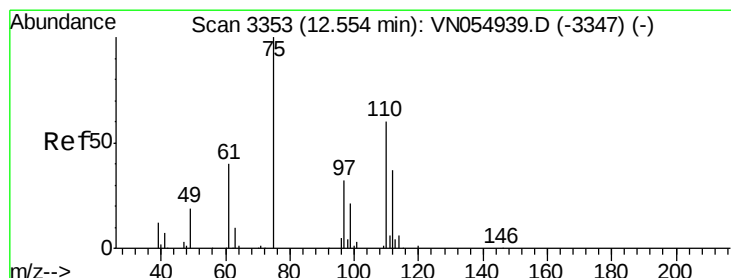
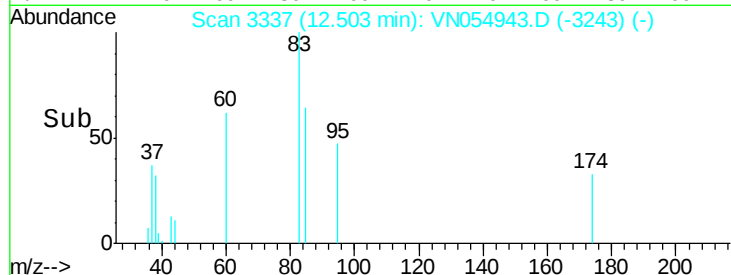
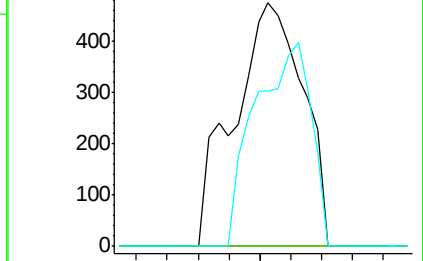
85 67.7 31.4 94.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 43.214 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054943.D

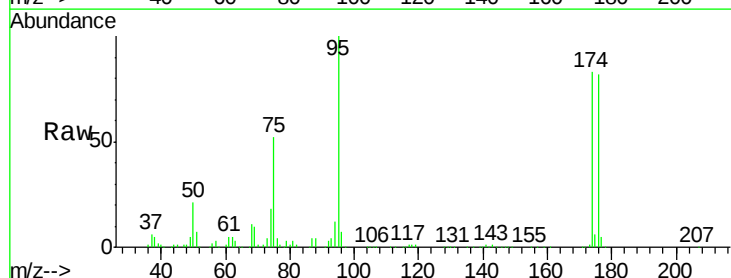
Acq: 4 Apr 2019 12:55

Tgt Ion: 75 Resp: 151988

Ion Ratio Lower Upper

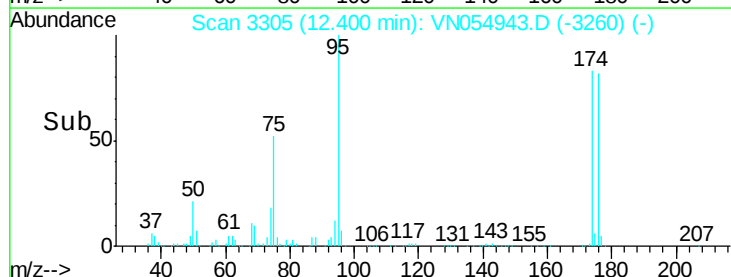
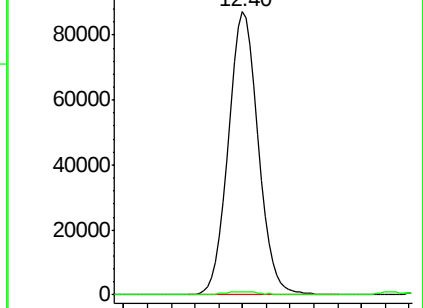
75 100

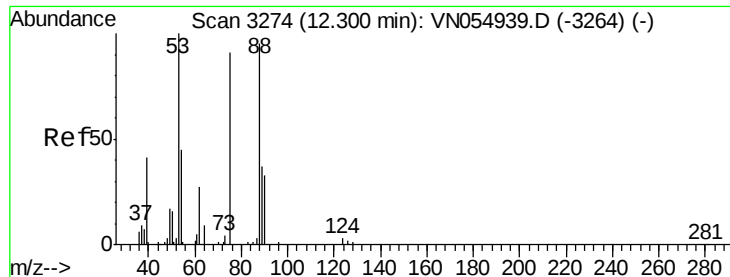
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#81

trans-1,4-Dichloro-2-butene

Concen: 155.416 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054943.D

Acq: 4 Apr 2019 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0404MBL01

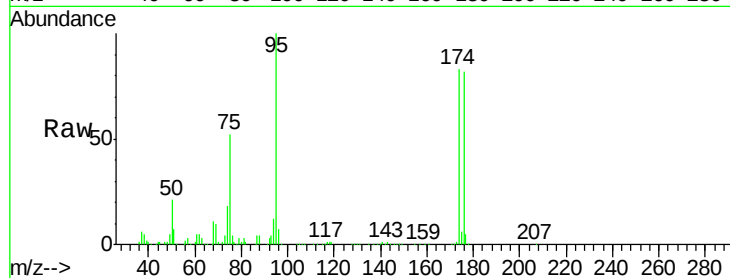
Tgt Ion: 75 Resp: 151988

Ion Ratio Lower Upper

75 100

53 0.0 92.8 139.2#

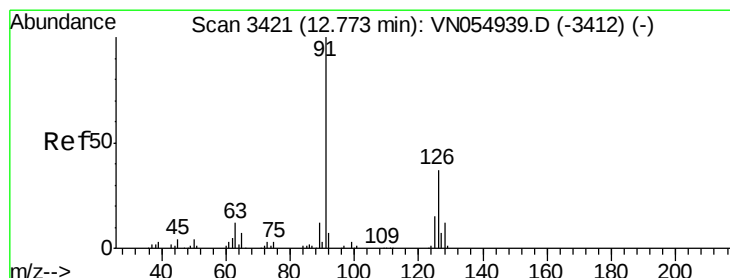
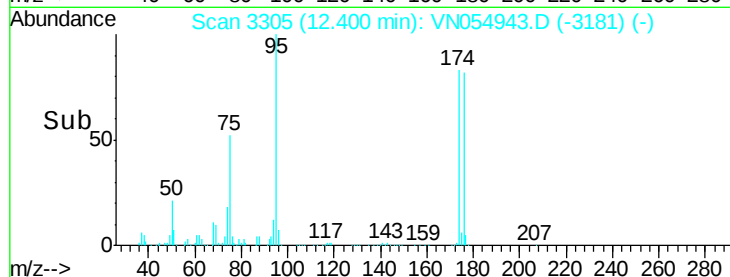
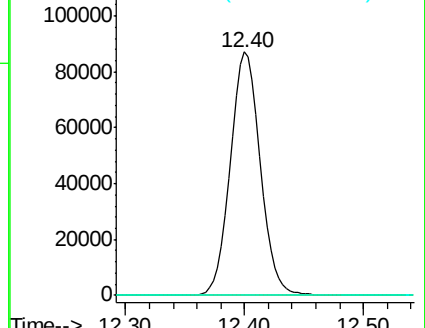
89 0.0 36.7 55.1#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 0.213 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN054943.D

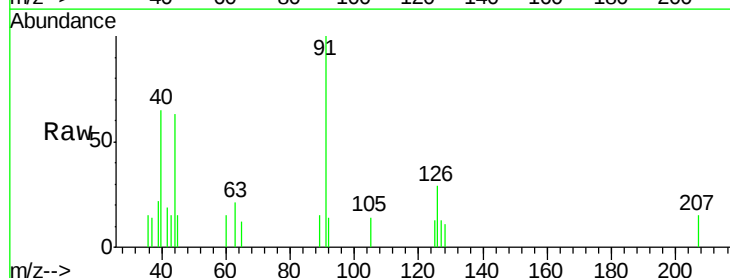
Acq: 4 Apr 2019 12:55

Tgt Ion: 91 Resp: 2625

Ion Ratio Lower Upper

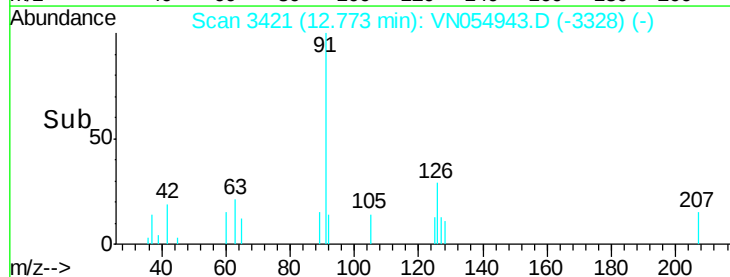
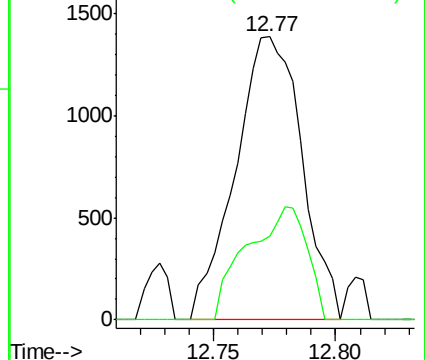
91 100

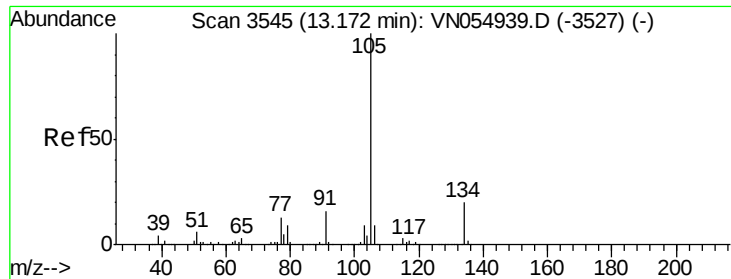
126 36.1 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

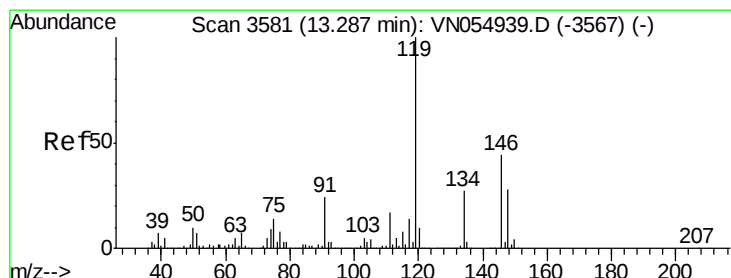
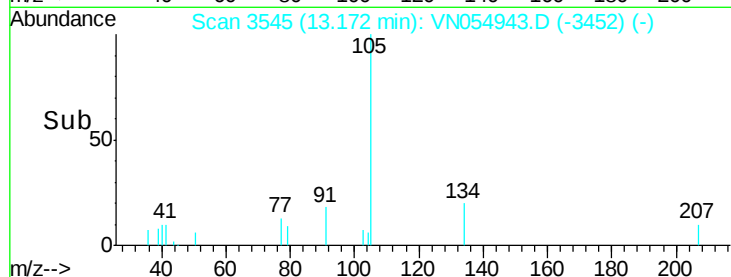
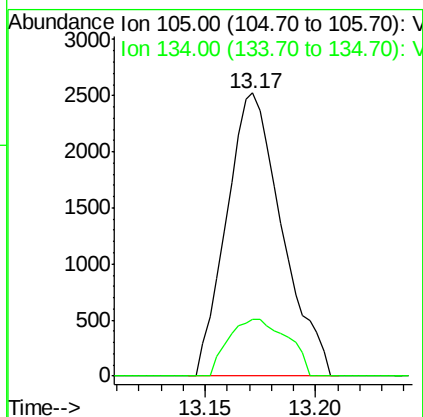
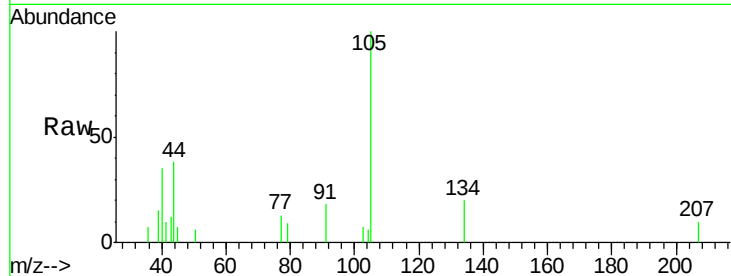




#85
 sec-Butylbenzene
 Concen: 0.255 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN054943.D
 Acq: 4 Apr 2019 12:55

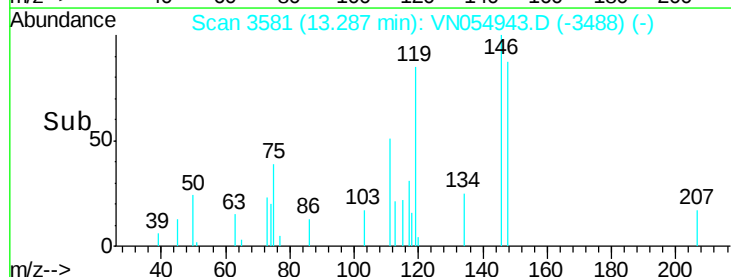
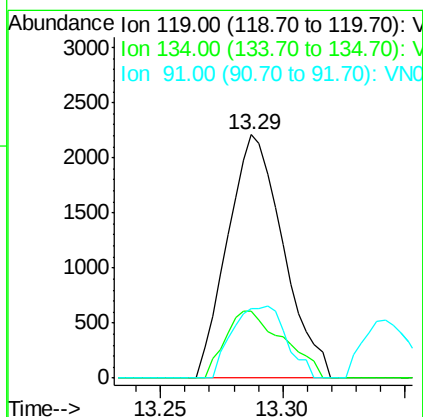
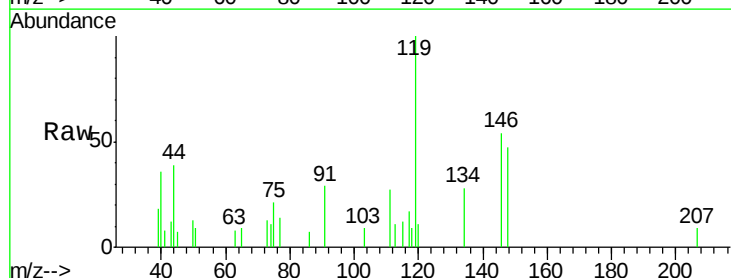
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0404MBL01

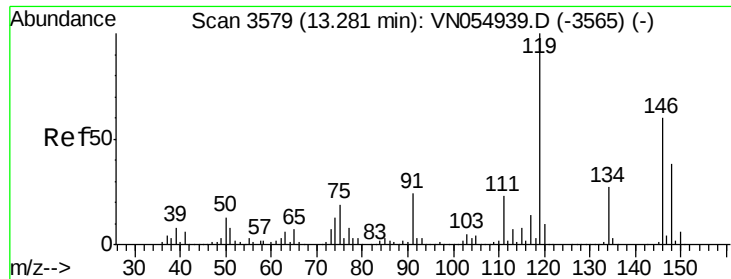
Tgt Ion:105 Resp: 4390
 Ion Ratio Lower Upper
 105 100
 134 21.4 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 0.235 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN054943.D
 Acq: 4 Apr 2019 12:55

Tgt Ion:119 Resp: 3491
 Ion Ratio Lower Upper
 119 100
 134 29.0 13.5 40.5
 91 28.8 11.9 35.7

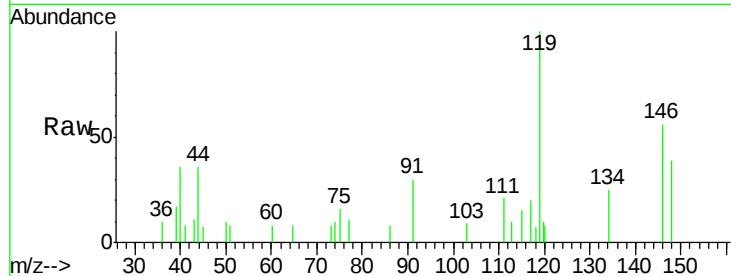




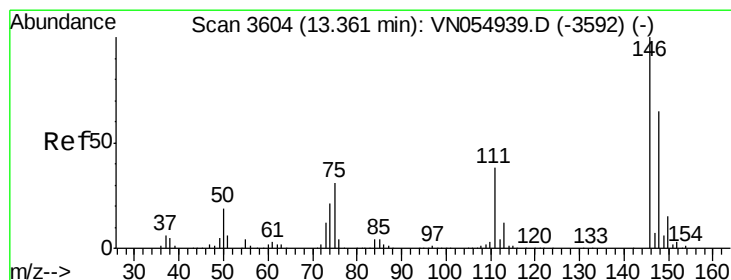
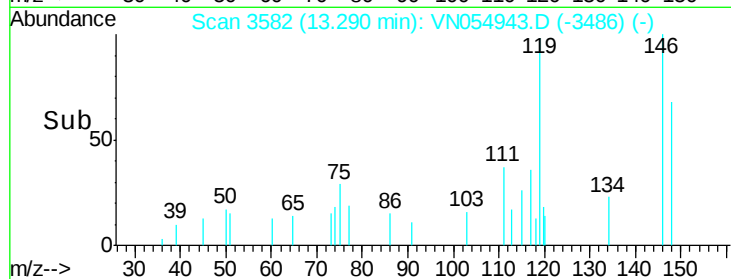
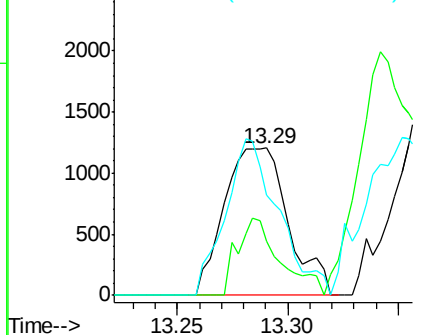
#87
 1,3-Dichlorobenzene
 Concen: 0.316 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.01 min
 Lab File: VN054943.D
 Acq: 4 Apr 2019 12:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0404MBL01

Tgt Ion:146 Resp: 2428
 Ion Ratio Lower Upper
 146 100
 111 35.2 19.6 58.7
 148 87.9 31.7 95.1

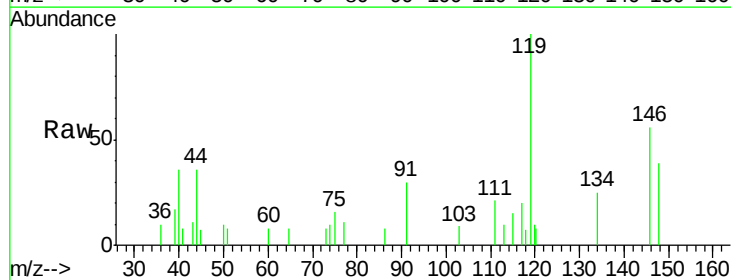


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

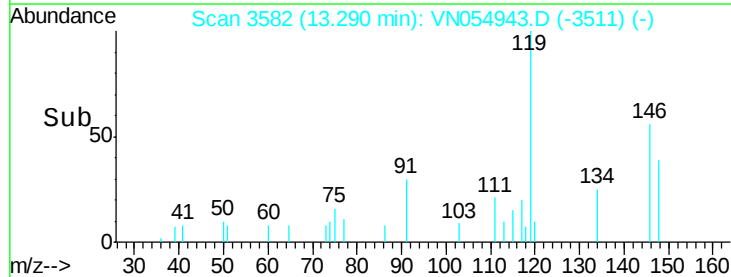
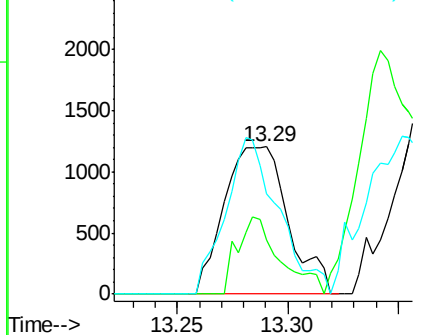


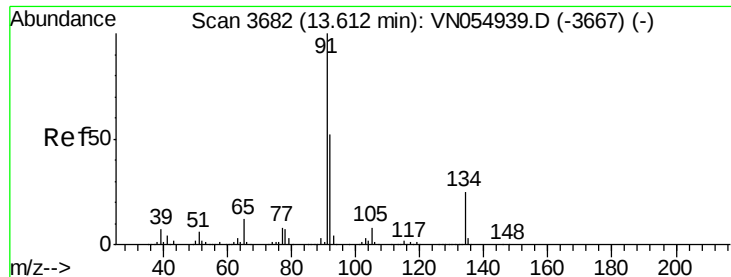
#88
 1,4-Dichlorobenzene
 Concen: 0.332 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.07 min
 Lab File: VN054943.D
 Acq: 4 Apr 2019 12:55

Tgt Ion:146 Resp: 2428
 Ion Ratio Lower Upper
 146 100
 111 35.2 19.2 57.6
 148 87.9 31.9 95.7



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

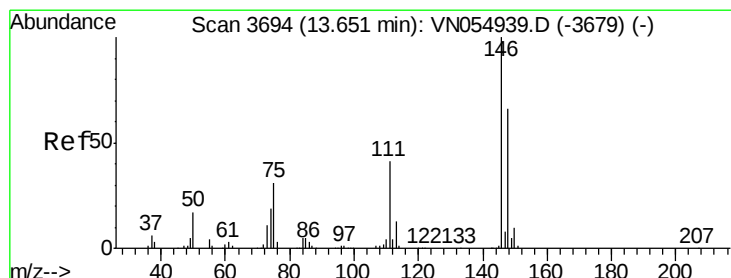
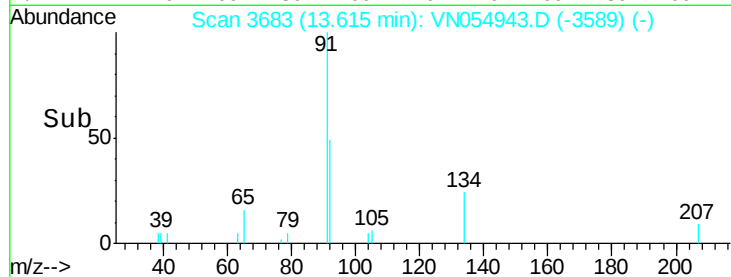
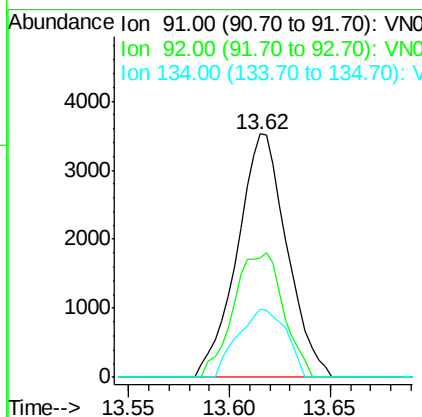
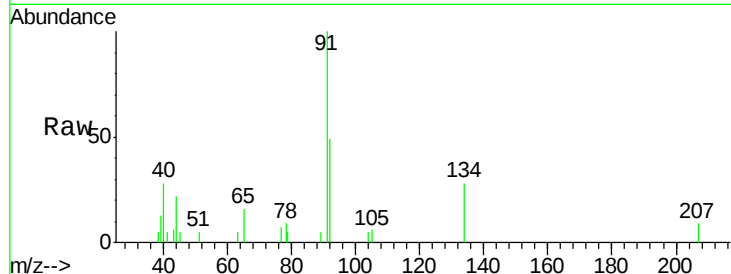




#89
n-Butylbenzene
Concen: 0.512 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN054943.D
Acq: 4 Apr 2019 12:55

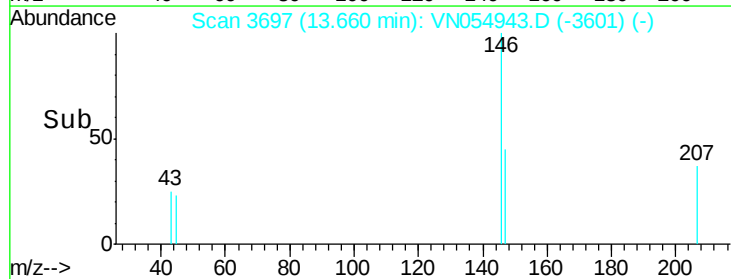
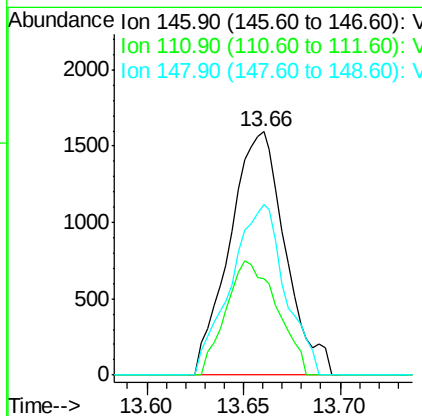
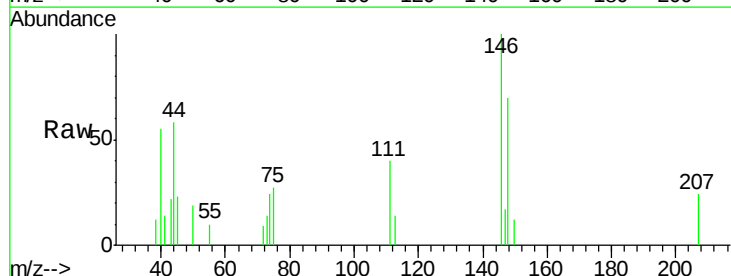
Instrument :
MSVOA_N
ClientSampleId :
VN0404MBL01

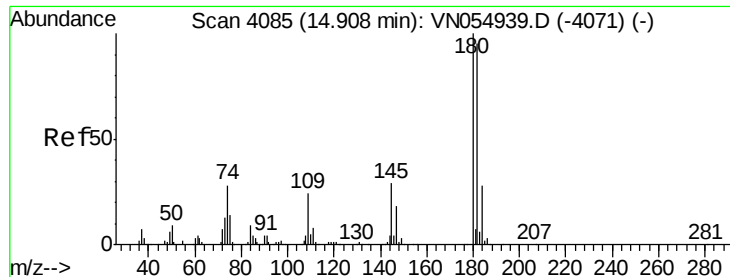
Tgt Ion: 91 Resp: 6078
Ion Ratio Lower Upper
91 100
92 51.3 26.1 78.2
134 27.5 12.6 37.8



#91
1,2-Dichlorobenzene
Concen: 0.422 ug/l
RT: 13.66 min Scan# 3697
Delta R.T. 0.01 min
Lab File: VN054943.D
Acq: 4 Apr 2019 12:55

Tgt Ion: 146 Resp: 3186
Ion Ratio Lower Upper
146 100
111 43.3 20.2 60.5
148 68.4 32.1 96.5

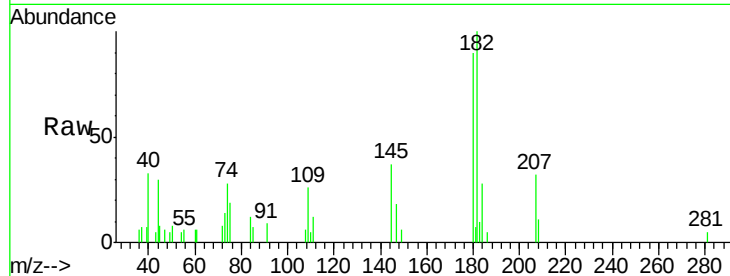




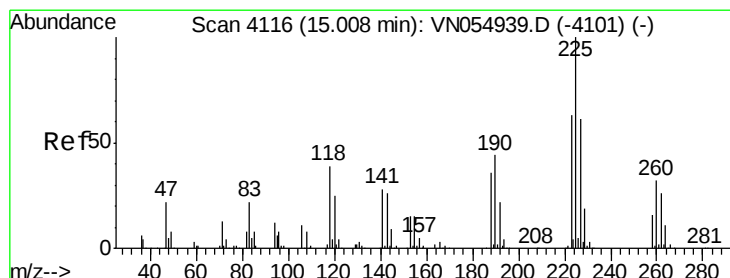
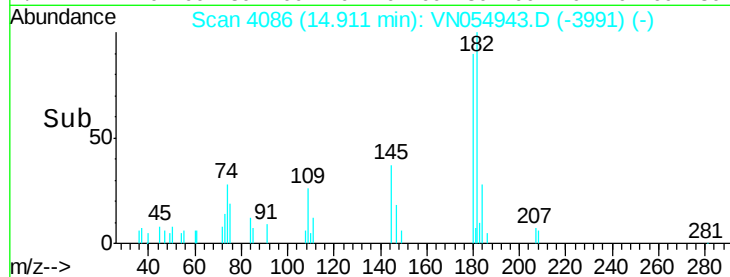
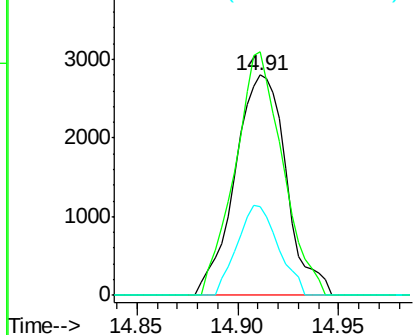
#93
 1,2,4-Trichlorobenzene
 Concen: 3.658 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN054943.D
 Acq: 4 Apr 2019 12:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0404MBL01

Tgt Ion:180 Resp: 4993
 Ion Ratio Lower Upper
 180 100
 182 102.3 47.5 142.6
 145 32.9 14.6 43.8

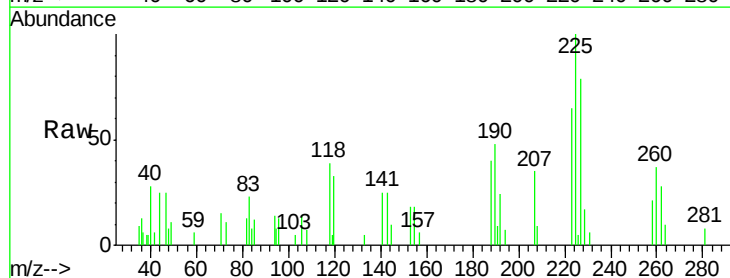


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

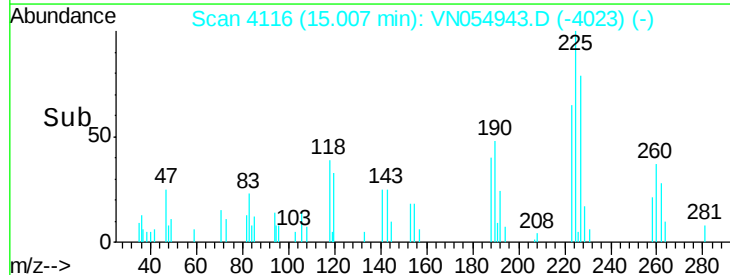
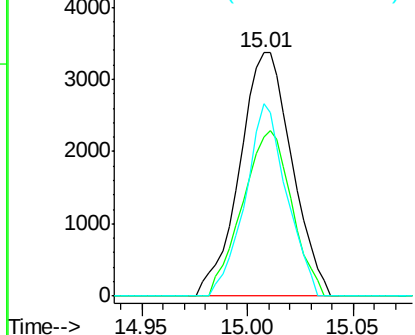


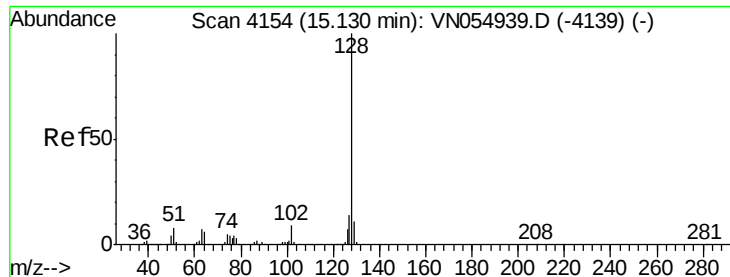
#94
 Hexachlorobutadiene
 Concen: 2.303 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN054943.D
 Acq: 4 Apr 2019 12:55

Tgt Ion:225 Resp: 5814
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.1 93.5
 227 62.4 30.9 92.5



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: 4.423 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054943.D

Acq: 4 Apr 2019 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0404MBL01

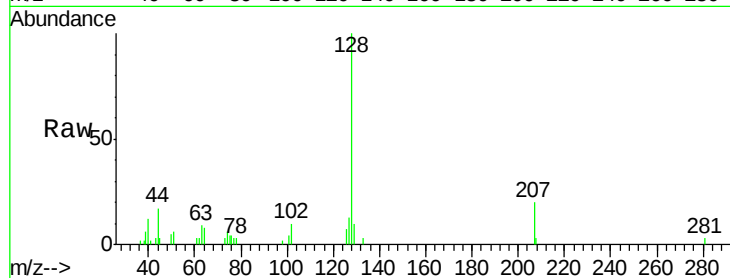
Tgt Ion:128 Resp: 14098

Ion Ratio Lower Upper

128 100

127 12.2 10.6 16.0

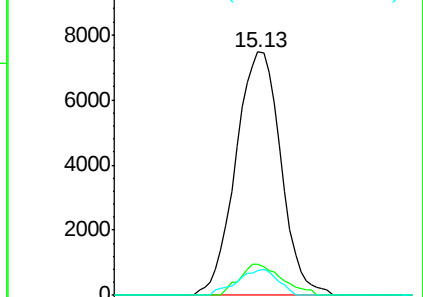
129 9.6 8.6 13.0



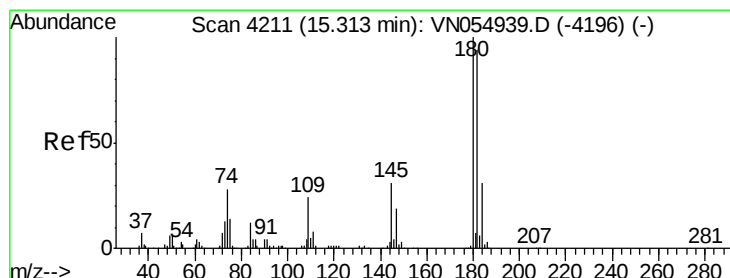
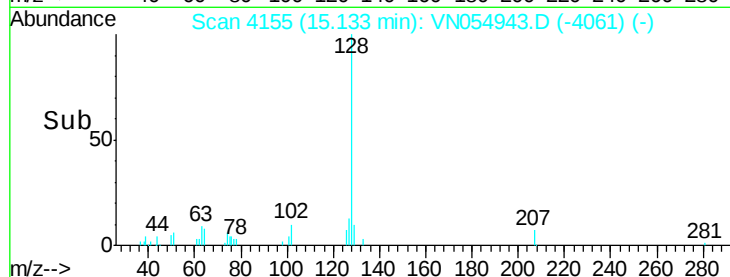
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time--> 15.05 15.10 15.15 15.20



#96

1,2,3-Trichlorobenzene

Concen: 1.797 ug/l

RT: 15.32 min Scan# 4213

Delta R.T. 0.01 min

Lab File: VN054943.D

Acq: 4 Apr 2019 12:55

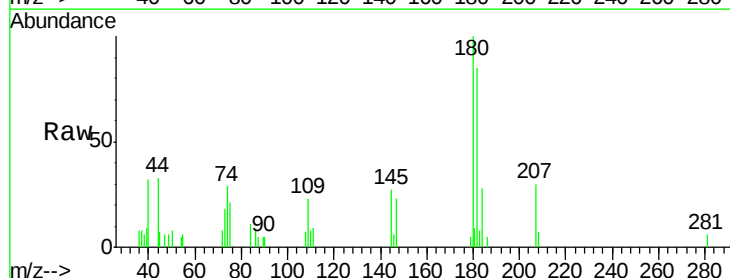
Tgt Ion:180 Resp: 6228

Ion Ratio Lower Upper

180 100

182 94.7 47.5 142.5

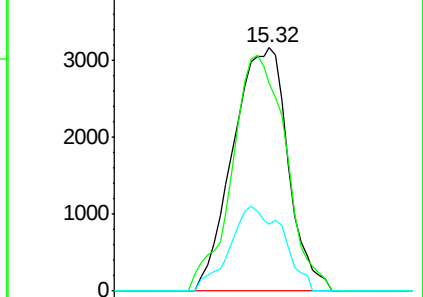
145 33.7 15.6 46.8



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



Time--> 15.25 15.30 15.35

