

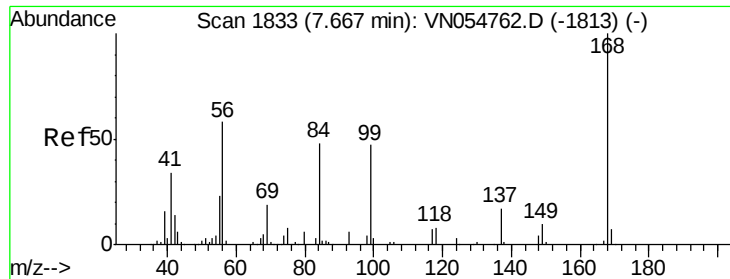
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032919\
 Data File : VN054783.D
 Acq On : 29 Mar 2019 21:04
 Operator : JC/SP
 Sample : PB118568TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 30 21:47:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	552392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	888962	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	759505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	278120	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	363269	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
35) Dibromofluoromethane	7.59	113	281655	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
50) Toluene-d8	10.09	98	1066291	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
62) 4-Bromofluorobenzene	12.40	95	332508	45.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.76%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.59	94	235	Below Cal	#	71
13) Acrolein	3.58	56	184	0.531	ug/l #	1
16) Acetone	3.83	43	6555	3.691	ug/l #	83
18) Methyl Acetate	4.33	43	824	Below Cal	#	82
20) Methylene Chloride	4.55	84	11452	1.828	ug/l	96
29) Tetrahydrofuran	7.23	42	984	0.540	ug/l #	30
31) Cyclohexane	7.67	56	12027	Below Cal	#	28
36) 1,1-Dichloropropene	7.66	75	42399	5.119	ug/l #	48
38) Carbon Tetrachloride	7.67	117	51435	6.393	ug/l #	16
43) Isopropyl Acetate	8.17	43	17428	1.766	ug/l #	95
45) 1,2-Dichloropropane	9.27	63	1761	0.261	ug/l #	43
48) Methyl methacrylate	9.18	41	8115	1.517	ug/l #	11
49) 1,4-Dioxane	9.27	88	76	1.432	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	6659	1.200	ug/l	91
54) cis-1,3-Dichloropropene	9.91	75	59985	6.756	ug/l #	71
57) 1,3-Dichloropropane	10.77	76	12511	1.388	ug/l #	43
59) 2-Hexanone	10.77	43	202999	57.144	ug/l #	48
71) Bromoform	12.40	173	2383	0.731	ug/l #	1
74) N-amyl acetate	12.07	43	2259	0.319	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.50	83	346	Below Cal	#	45
76) 1,2,3-Trichloropropane	12.40	75	172981	35.802	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	15868	0.851	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	172981	139.261	ug/l #	11
83) tert-Butylbenzene	12.99	119	1043	Below Cal	#	77
93) 1,2,4-Trichlorobenzene	14.91	180	1819	0.407	ug/l	85
94) Hexachlorobutadiene	15.01	225	625	Below Cal	#	54
95) Naphthalene	15.14	128	6962	0.695	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	2296	0.509	ug/l	92

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054783.D

Acq: 29 Mar 2019 21:04

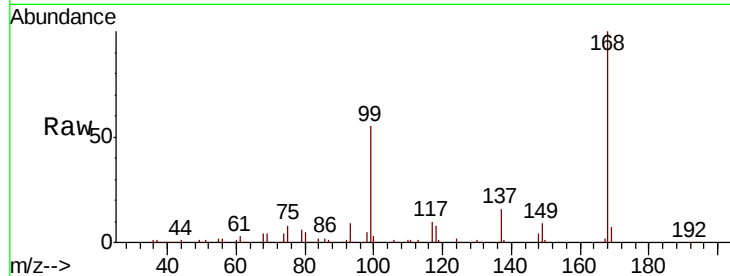
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 552392

Ion Ratio Lower Upper

168 100

99 54.7 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

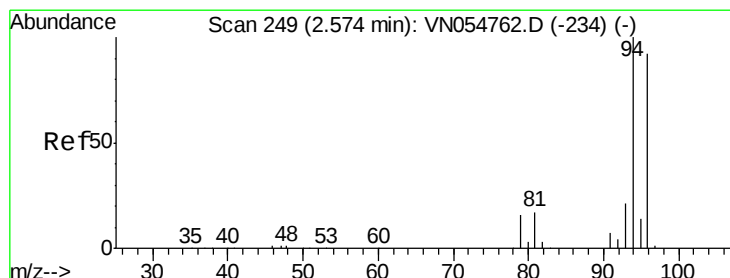
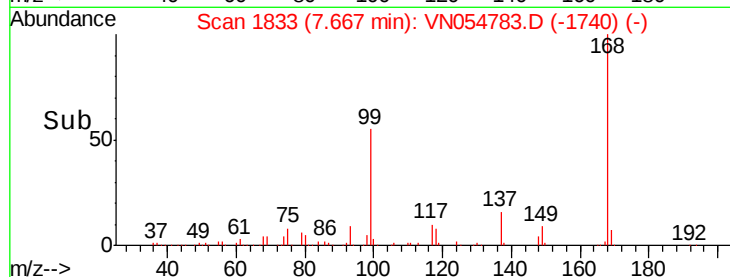
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#5

Bromomethane

Concen: Below Cal

RT: 2.59 min Scan# 254

Delta R.T. 0.02 min

Lab File: VN054783.D

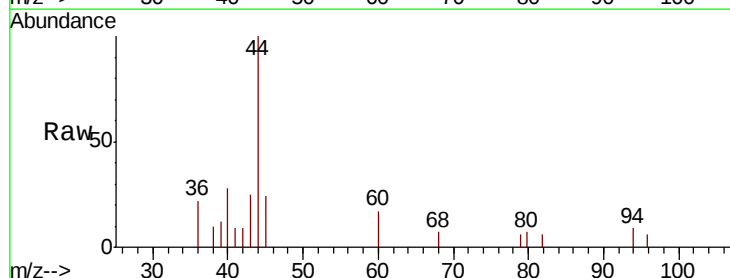
Acq: 29 Mar 2019 21:04

Tgt Ion: 94 Resp: 235

Ion Ratio Lower Upper

94 100

96 68.1 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VN

Ion 95.90 (95.60 to 96.60): VN

2.59

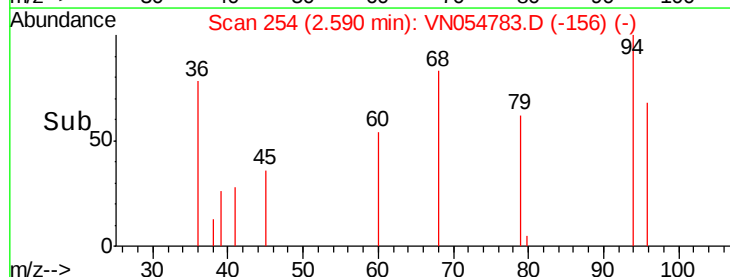
300

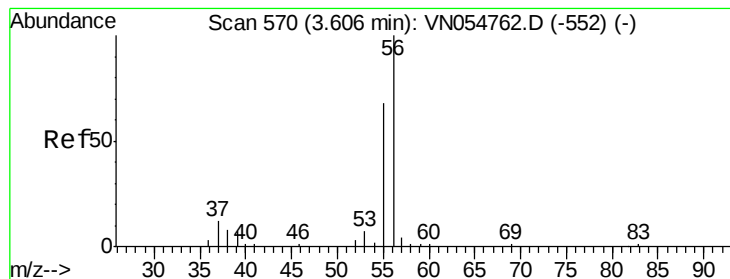
200

100

0

Time--> 2.58 2.60





#13

Acrolein

Concen: 0.531 ug/l

RT: 3.58 min Scan# 563

Delta R.T. -0.02 min

Lab File: VN054783.D

Acq: 29 Mar 2019 21:04

Instrument :

MSVOA_N

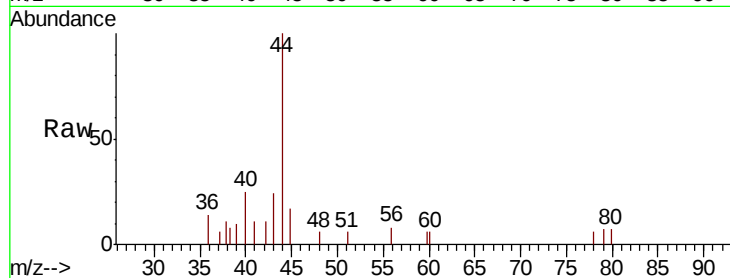
ClientSampleId :

Tot Ion: 56 Resp: 184

Ion Ratio Lower Upper

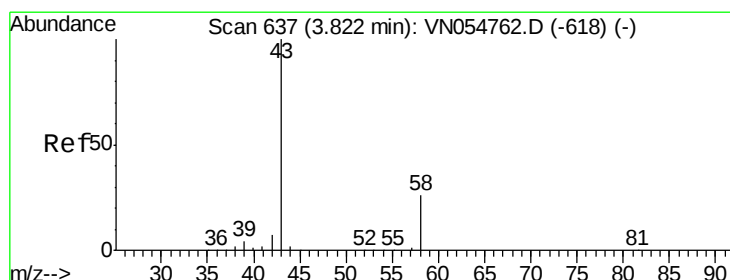
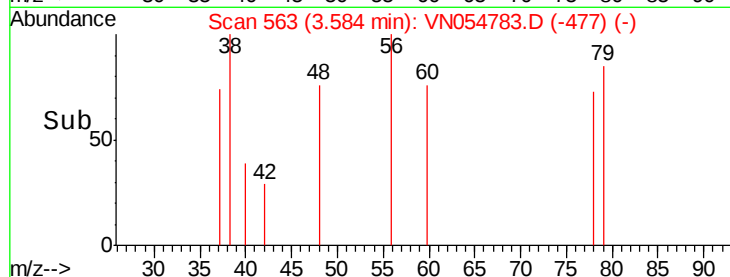
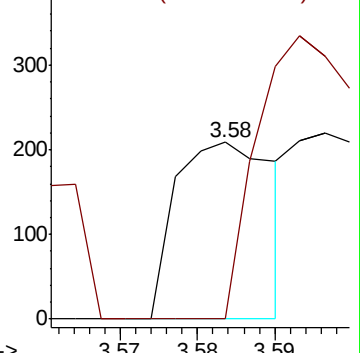
56 100

55 195.1 56.7 85.1#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 3.691 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN054783.D

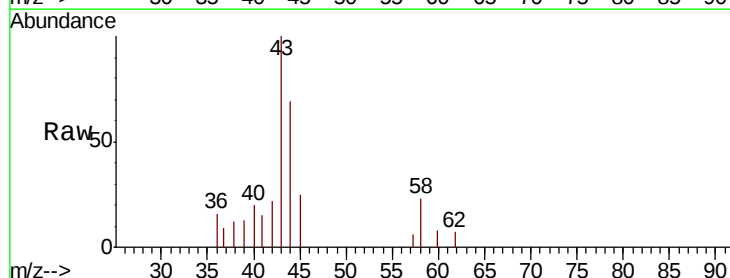
Acq: 29 Mar 2019 21:04

Tgt Ion: 43 Resp: 6555

Ion Ratio Lower Upper

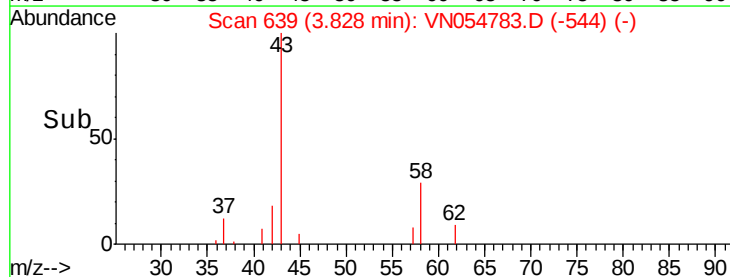
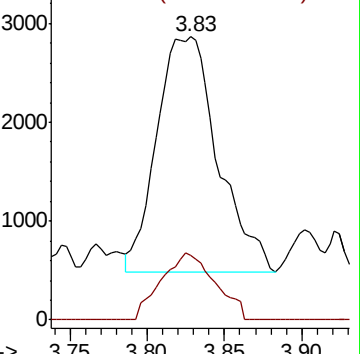
43 100

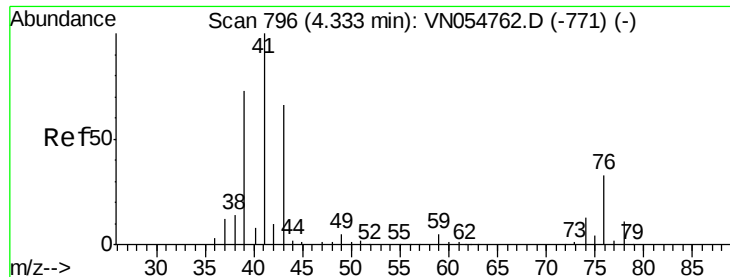
58 27.4 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

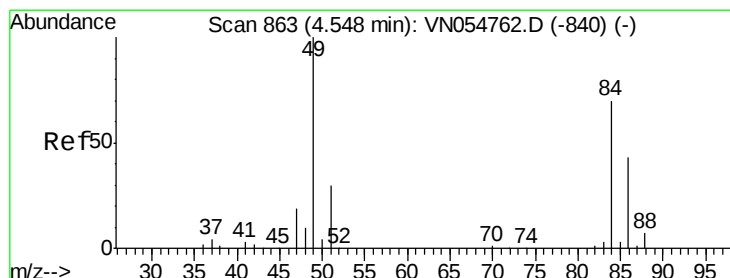
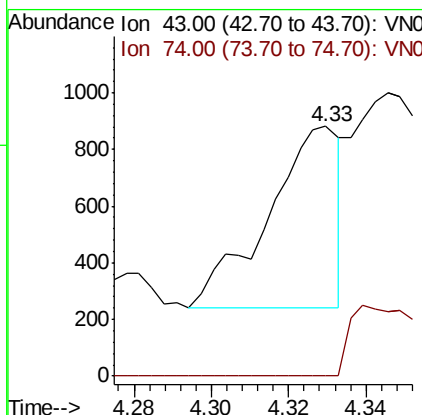
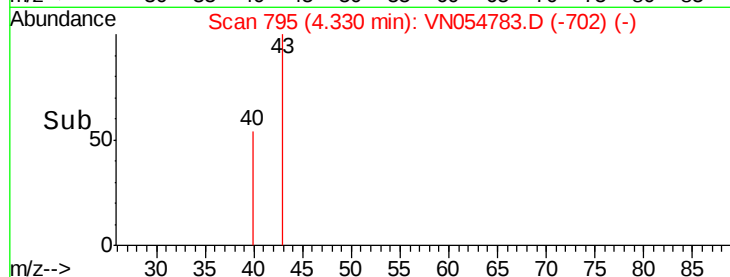
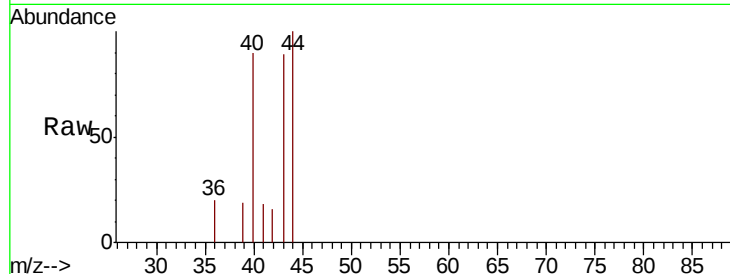




#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 795
Delta R.T. -0.00 min
Lab File: VN054783.D
Acq: 29 Mar 2019 21:04

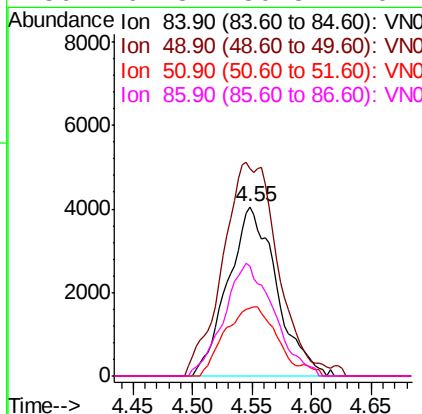
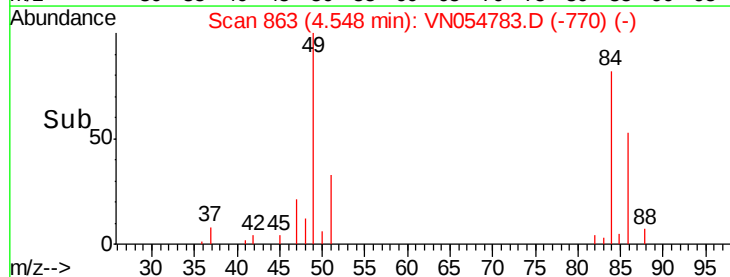
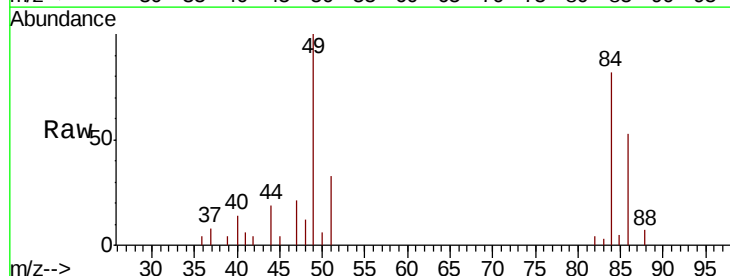
Instrument :
MSVOA_N
ClientSampled :

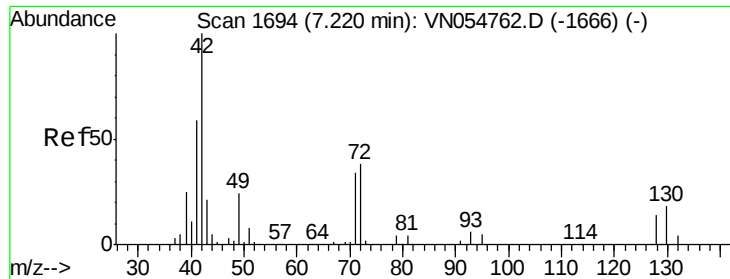
Tot Ion: 43 Resp: 824
Ion Ratio Lower Upper
43 100
74 35.3 20.8 31.2#



#20
Methylene Chloride
Concen: 1.828 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.00 min
Lab File: VN054783.D
Acq: 29 Mar 2019 21:04

Tgt Ion: 84 Resp: 11452
Ion Ratio Lower Upper
84 100
49 116.6 89.7 134.5
51 40.3 28.2 42.4
86 64.8 50.8 76.2





#29

Tetrahydrofuran

Concen: 0.540 ug/l

RT: 7.23 min Scan# 1698

Delta R.T. 0.01 min

Lab File: VN054783.D

Acq: 29 Mar 2019 21:04

Instrument :

MSVOA_N

ClientSampleId :

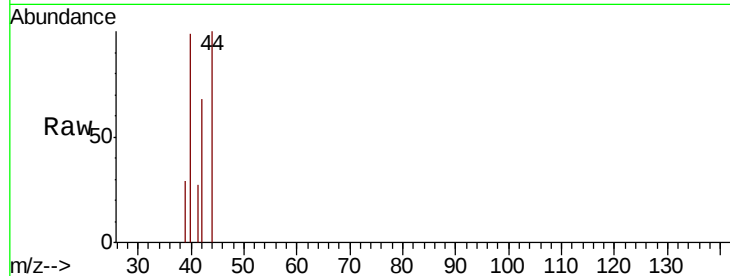
Tot Ion: 42 Resp: 984

Ion Ratio Lower Upper

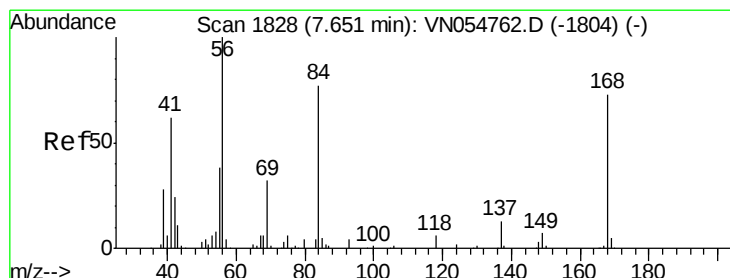
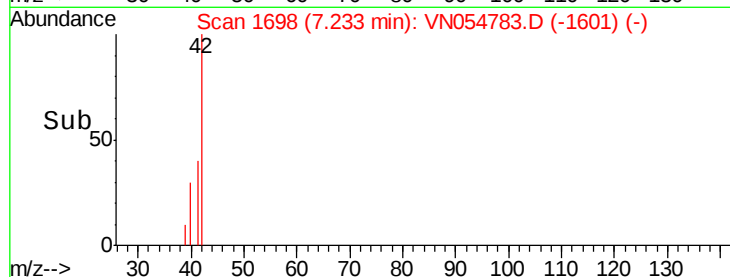
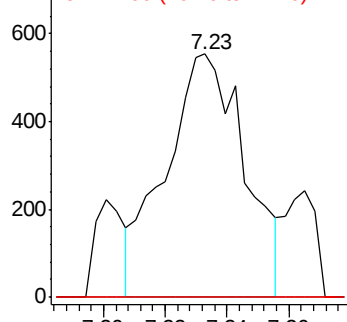
42 100

72 0.0 37.8 56.6#

71 0.0 36.2 54.2#



Abundance Ion 42.00 (41.70 to 42.70): VN054762.D (-1666) (-)



#31

Cyclohexane

Concen: Below Cal

RT: 7.67 min Scan# 1833

Delta R.T. 0.02 min

Lab File: VN054783.D

Acq: 29 Mar 2019 21:04

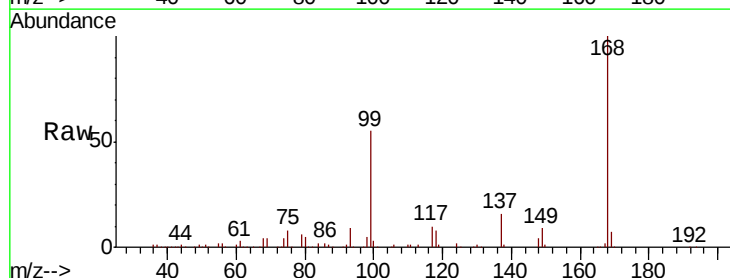
Tgt Ion: 56 Resp: 12027

Ion Ratio Lower Upper

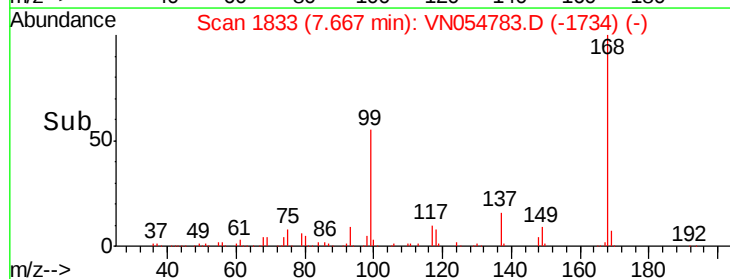
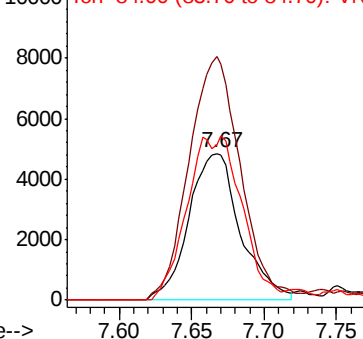
56 100

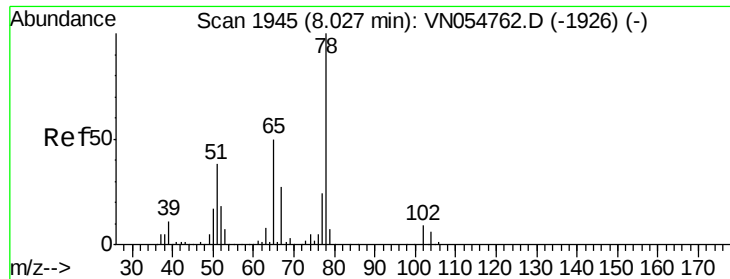
69 166.2 27.8 41.6#

84 106.3 74.6 111.8



Abundance Ion 56.00 (55.70 to 56.70): VN054762.D (-1804) (-)

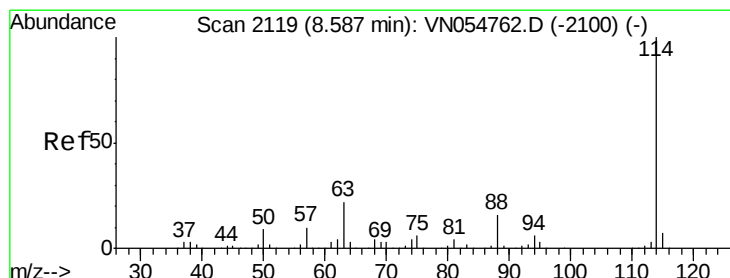
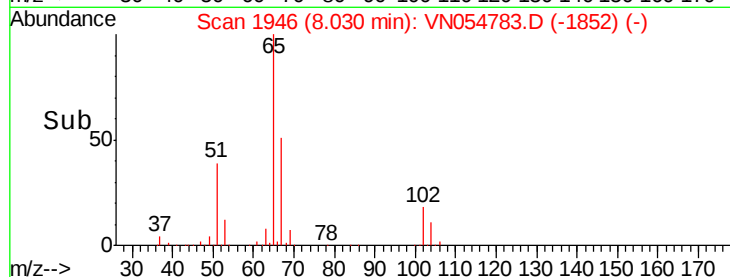
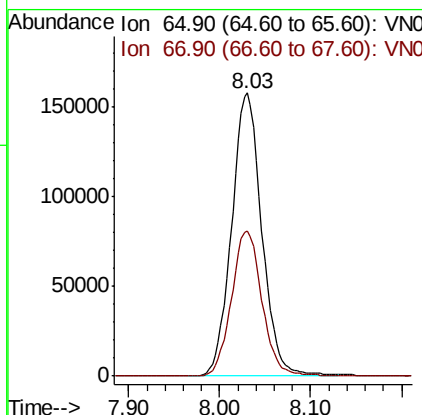
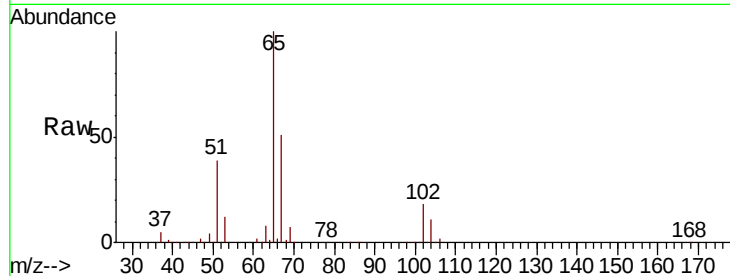




#33
 1,2-Dichloroethane-d4
 Concen: 48.785 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN054783.D
 Acq: 29 Mar 2019 21:04

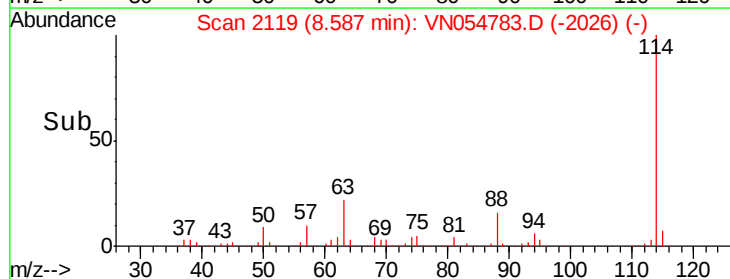
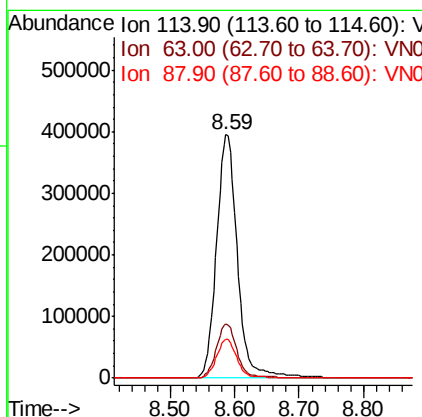
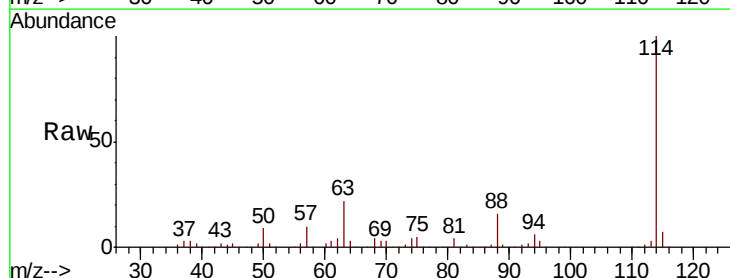
Instrument :
 MSVOA_N
 ClientSampleId :

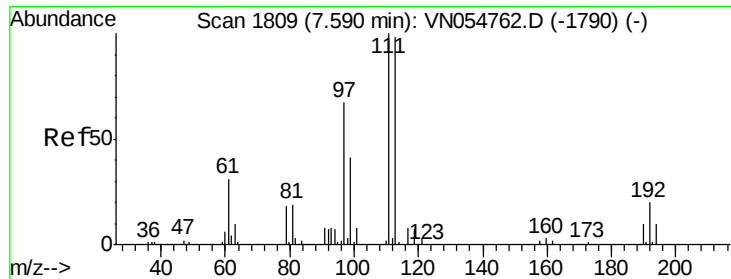
Tot Ion: 65 Resp: 363269
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054783.D
 Acq: 29 Mar 2019 21:04

Tgt Ion: 114 Resp: 888962
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 35.2
 88 16.0 0.0 30.2

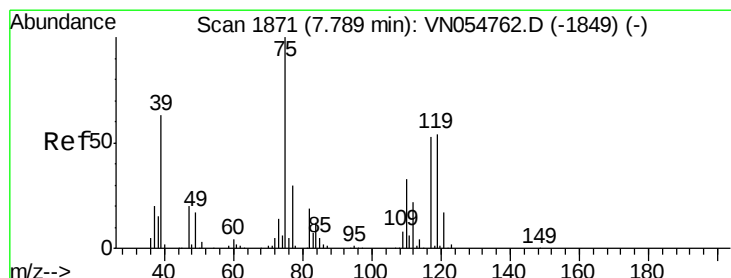
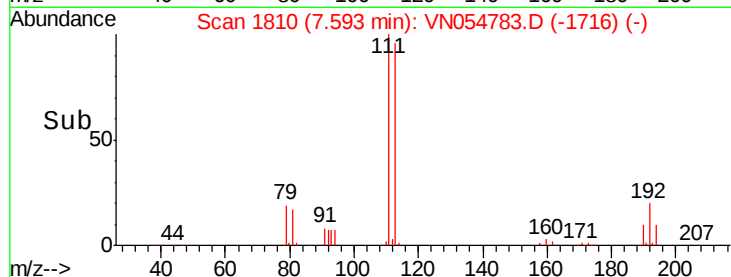
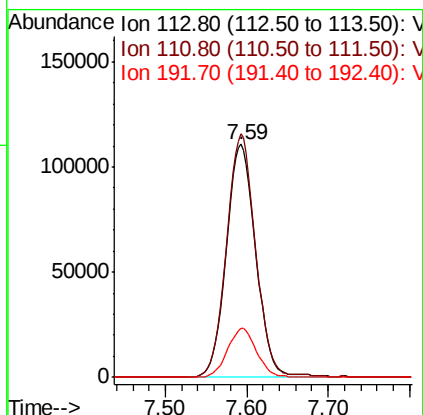
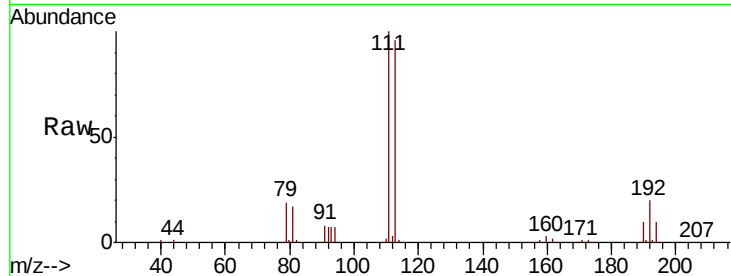




#35
 Dibromofluoromethane
 Concen: 47.524 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054783.D
 Acq: 29 Mar 2019 21:04

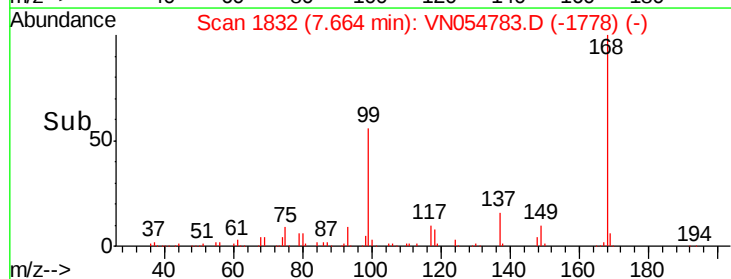
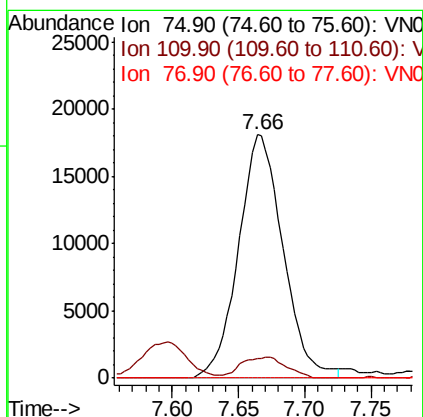
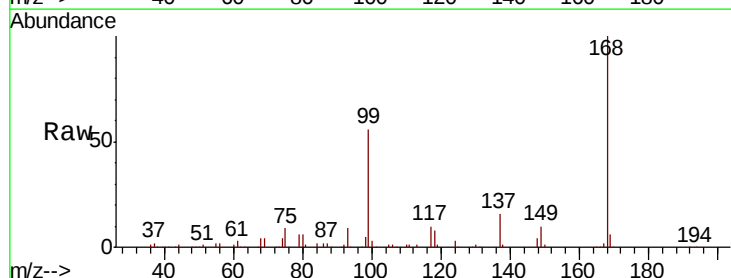
Instrument :
 MSVOA_N
 ClientSampleId :

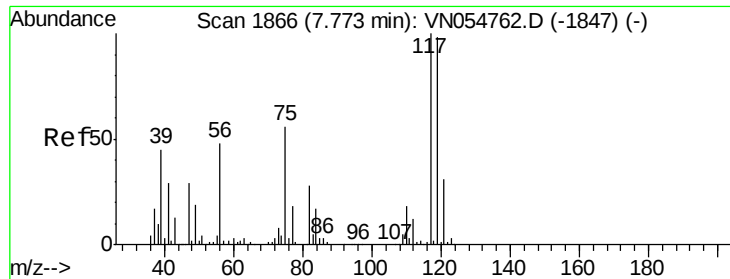
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.4
192	20.6	19.2	28.8



#36
 1,1-Dichloropropene
 Concen: 5.119 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN054783.D
 Acq: 29 Mar 2019 21:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.8	19.1	57.5#
77	0.0	25.0	37.4#

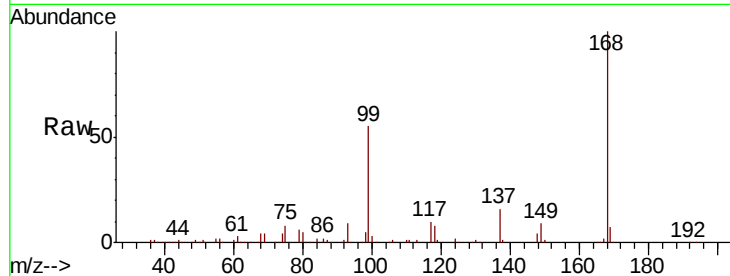




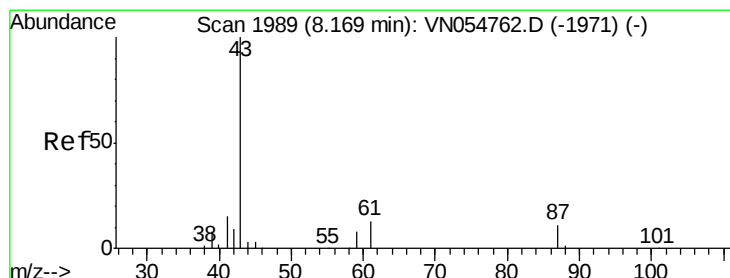
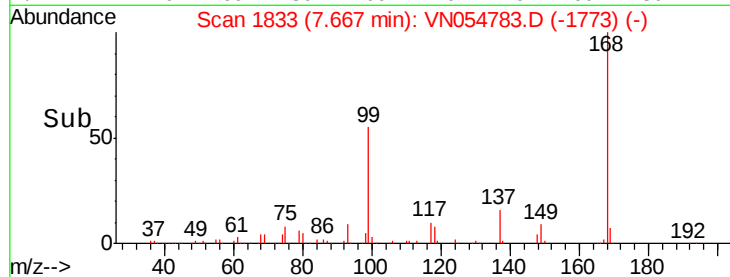
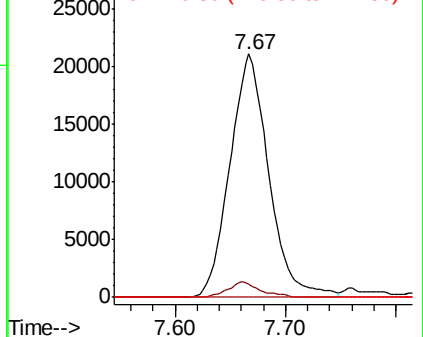
#38
Carbon Tetrachloride
Concen: 6.393 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN054783.D
Acq: 29 Mar 2019 21:04

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 51435
Ion Ratio Lower Upper
117 100
119 5.3 76.3 114.5#
121 0.0 24.6 36.8#

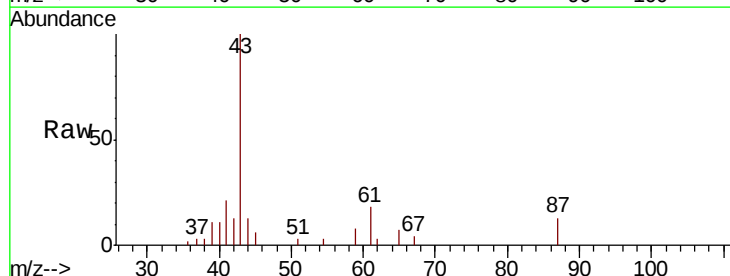


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

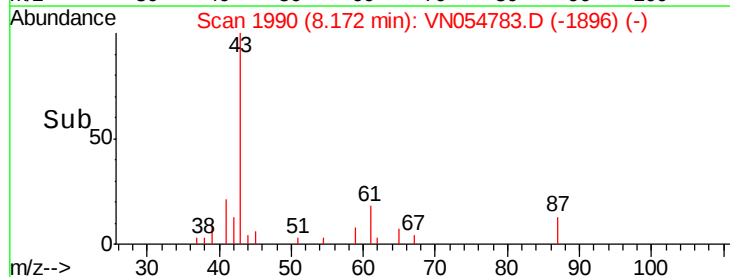
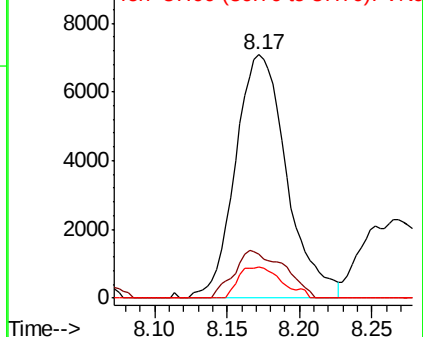


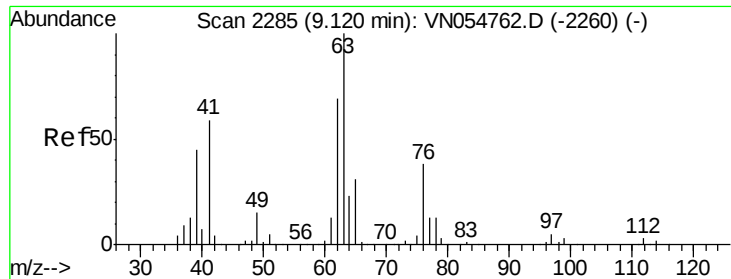
#43
Isopropyl Acetate
Concen: 1.766 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN054783.D
Acq: 29 Mar 2019 21:04

Tgt Ion: 43 Resp: 17428
Ion Ratio Lower Upper
43 100
61 19.1 15.8 23.8
87 10.7 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 61.00 (60.70 to 61.70): V
Ion 87.00 (86.70 to 87.70): V

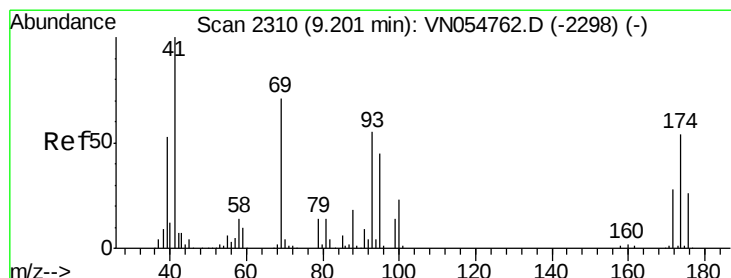
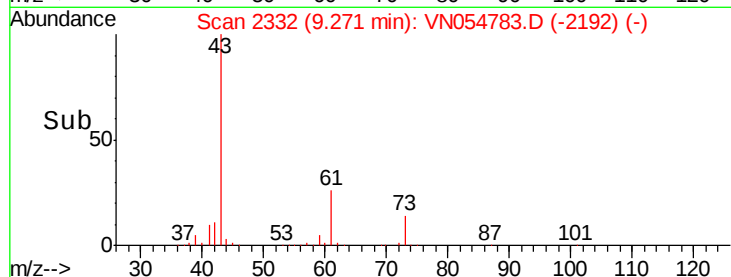
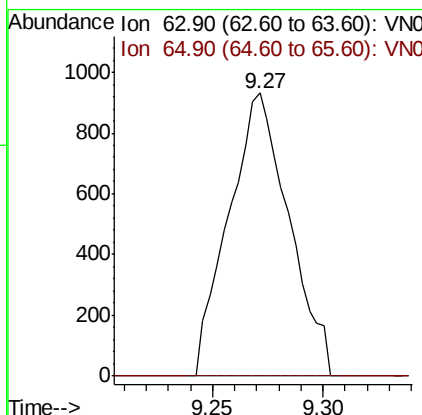
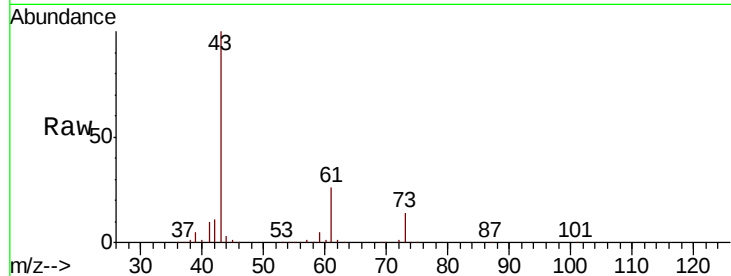




#45
 1,2-Dichloropropane
 Concen: 0.261 ug/l
 RT: 9.27 min Scan# 2332
 Delta R.T. 0.15 min
 Lab File: VN054783.D
 Acq: 29 Mar 2019 21:04

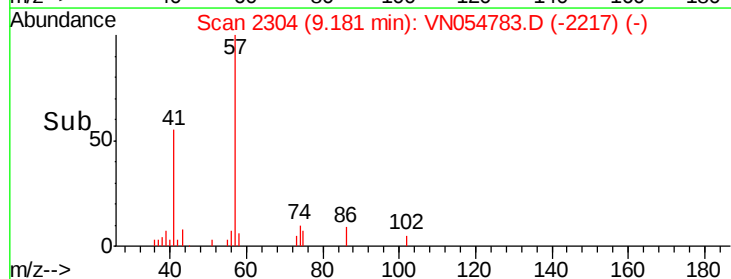
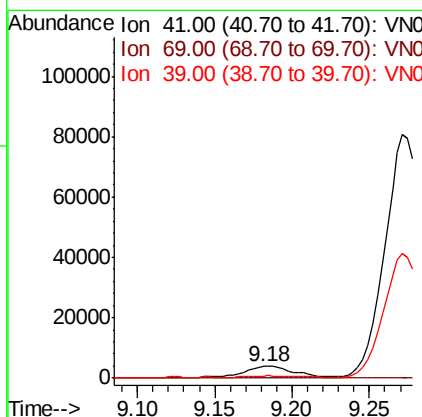
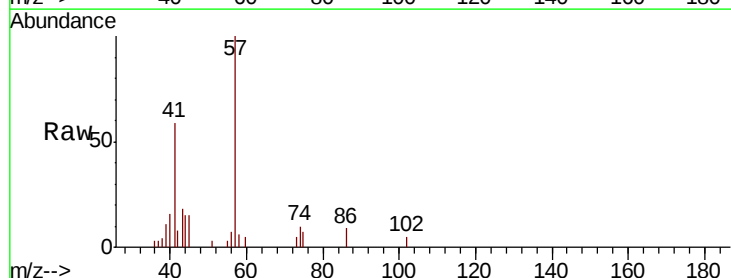
Instrument :
 MSVOA_N
 ClientSampled :

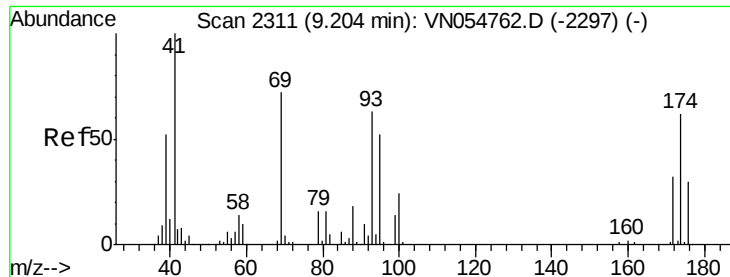
Tot Ion: 63 Resp: 1761
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.0 37.6#



#48
 Methyl methacrylate
 Concen: 1.517 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. -0.02 min
 Lab File: VN054783.D
 Acq: 29 Mar 2019 21:04

Tgt Ion: 41 Resp: 8115
 Ion Ratio Lower Upper
 41 100
 69 0.0 72.6 108.8#
 39 0.0 47.5 71.3#





#49

1,4-Dioxane

Concen: 1.432 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.06 min

Lab File: VN054783.D

Acq: 29 Mar 2019 21:04

Instrument :

MSVOA_N

ClientSampleId :

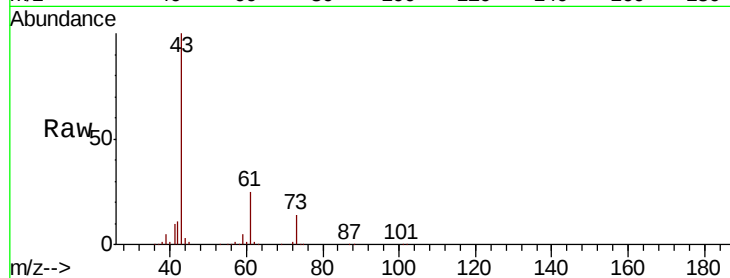
Tot Ion: 88 Resp: 76

Ion Ratio Lower Upper

88 100

43 2135676.3 24.1 36.1#

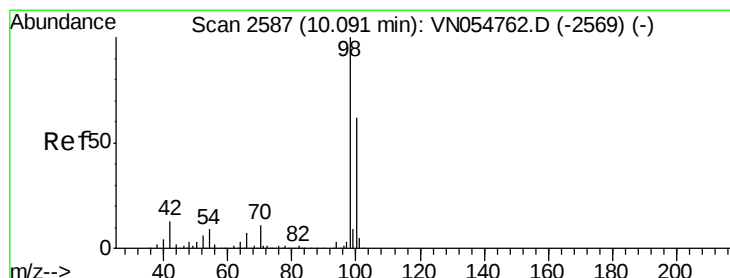
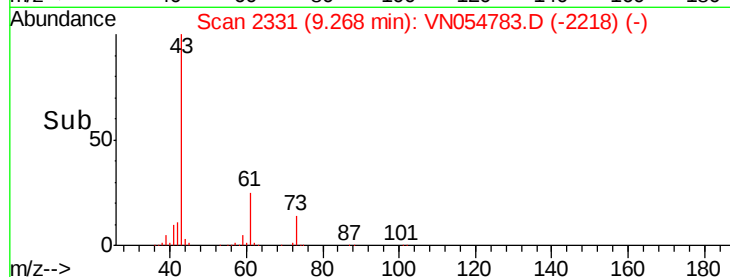
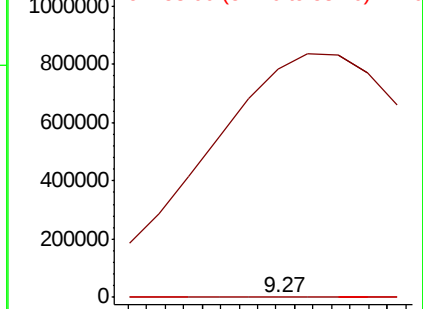
58 8926.3 50.8 76.2#



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: 48.393 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054783.D

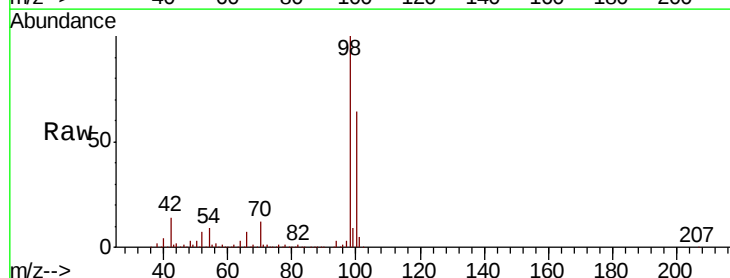
Acq: 29 Mar 2019 21:04

Tgt Ion: 98 Resp: 1066291

Ion Ratio Lower Upper

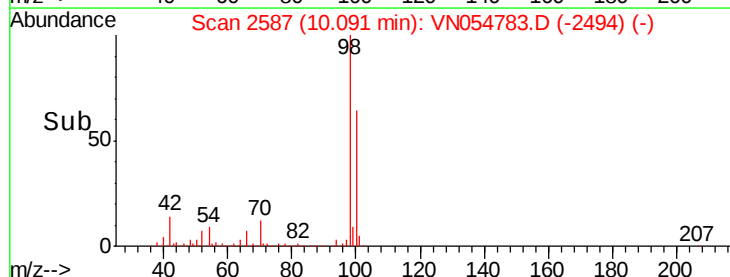
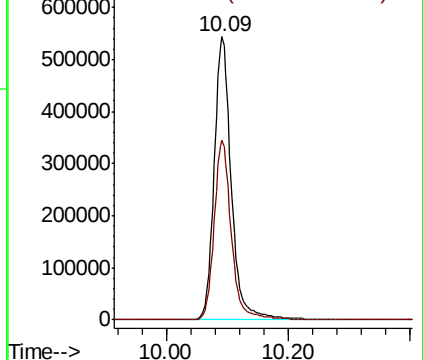
98 100

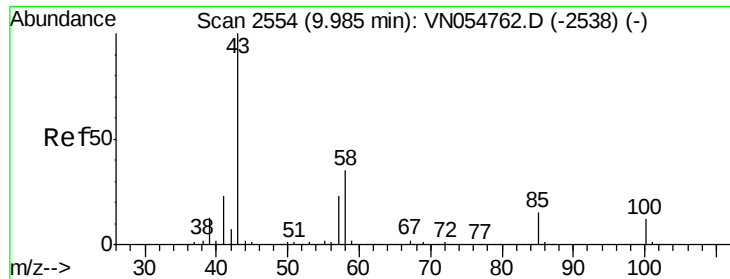
100 63.7 51.2 76.8



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: 1.200 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN054783.D

Acq: 29 Mar 2019 21:04

Instrument :

MSVOA_N

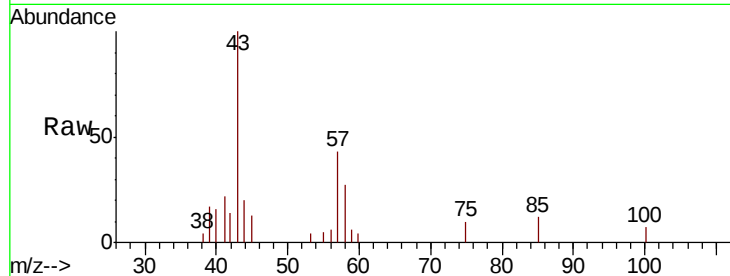
ClientSampleId :

Tot Ion: 43 Resp: 6659

Ion Ratio Lower Upper

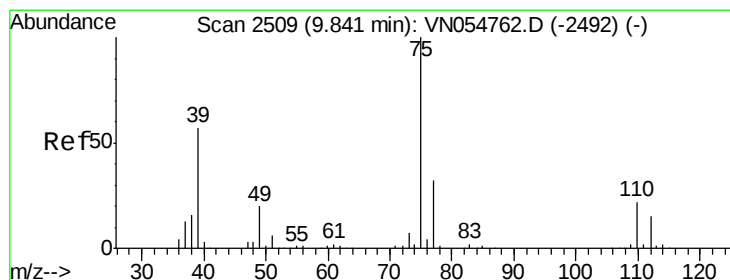
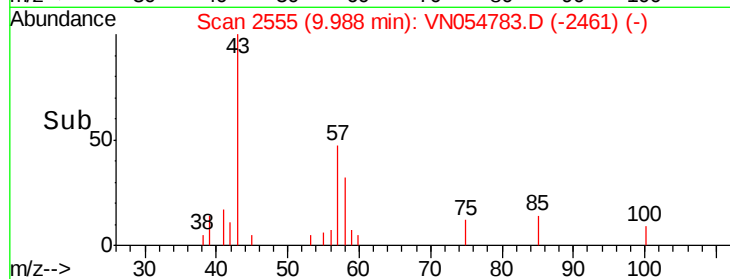
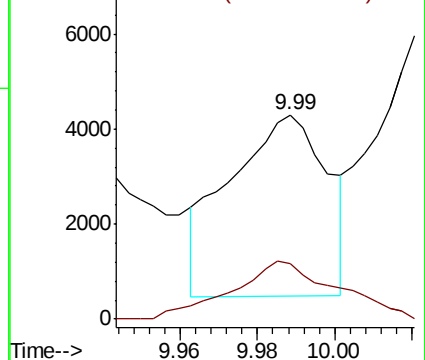
43 100

58 34.5 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 6.756 ug/l

RT: 9.91 min Scan# 2530

Delta R.T. 0.07 min

Lab File: VN054783.D

Acq: 29 Mar 2019 21:04

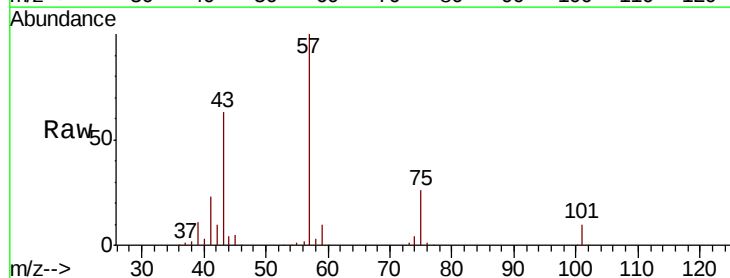
Tgt Ion: 75 Resp: 59985

Ion Ratio Lower Upper

75 100

77 0.6 25.4 38.0#

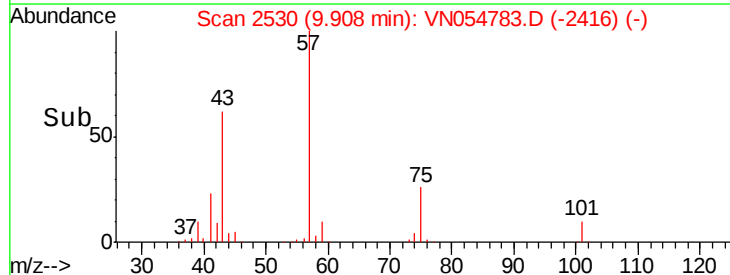
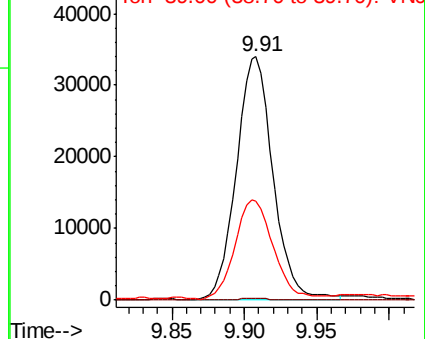
39 39.9 37.2 55.8

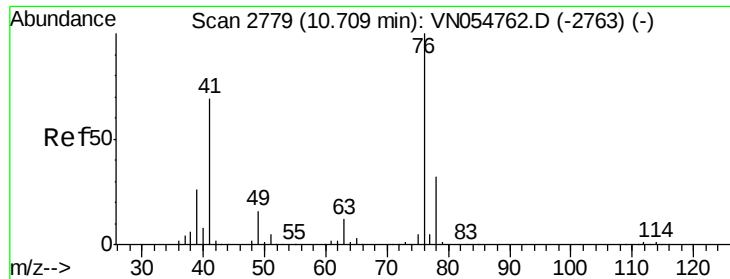


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

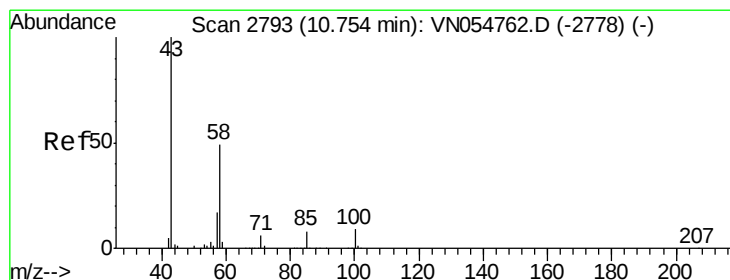
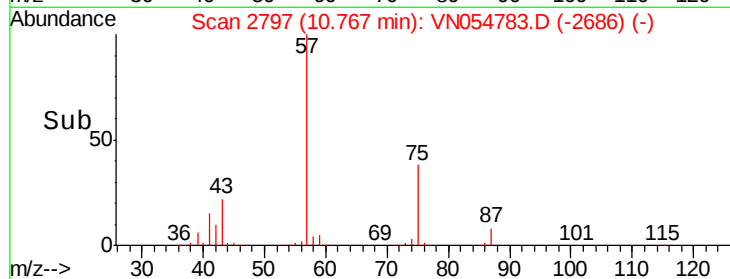
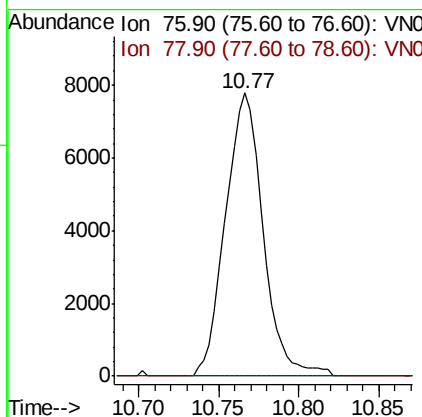
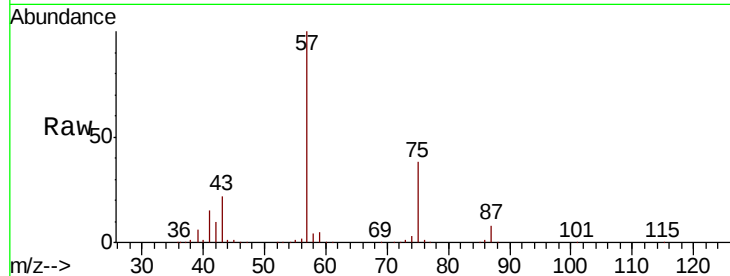




#57
 1,3-Dichloropropane
 Concen: 1.388 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.06 min
 Lab File: VN054783.D
 Acq: 29 Mar 2019 21:04

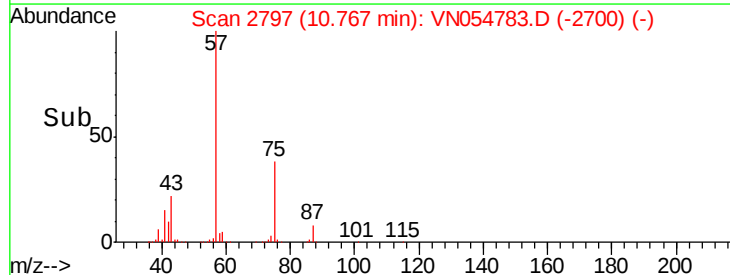
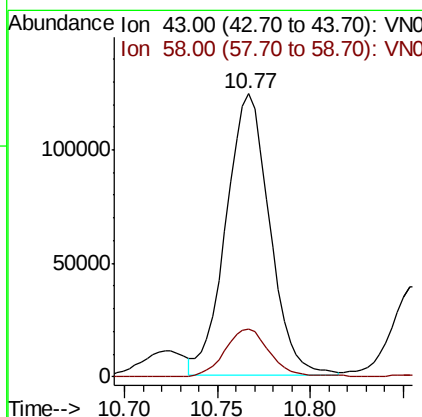
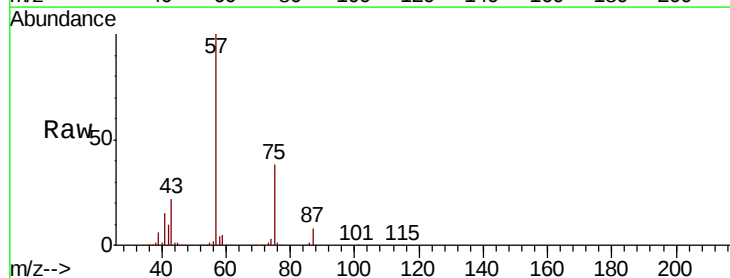
Instrument :
 MSVOA_N
 ClientSampled :

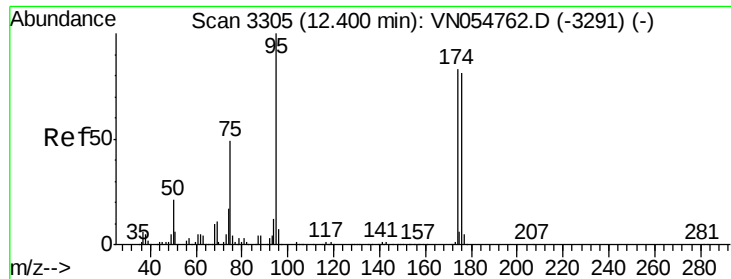
Tot Ion: 76 Resp: 12511
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#



#59
 2-Hexanone
 Concen: 57.144 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.01 min
 Lab File: VN054783.D
 Acq: 29 Mar 2019 21:04

Tgt Ion: 43 Resp: 202999
 Ion Ratio Lower Upper
 43 100
 58 17.9 28.0 83.9#





#62

4-Bromofluorobenzene

Concen: 45.375 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054783.D

Acq: 29 Mar 2019 21:04

Instrument :

MSVOA_N

ClientSampled :

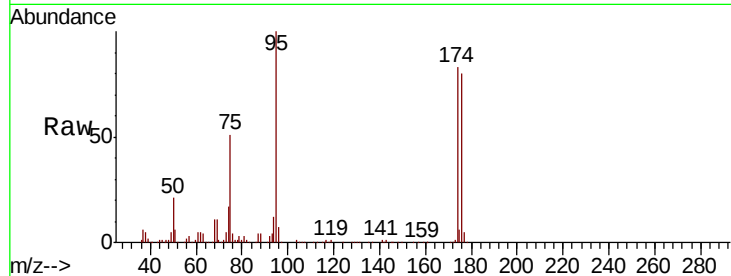
Tot Ion: 95 Resp: 332508

Ion Ratio Lower Upper

95 100

174 83.7 0.0 191.0

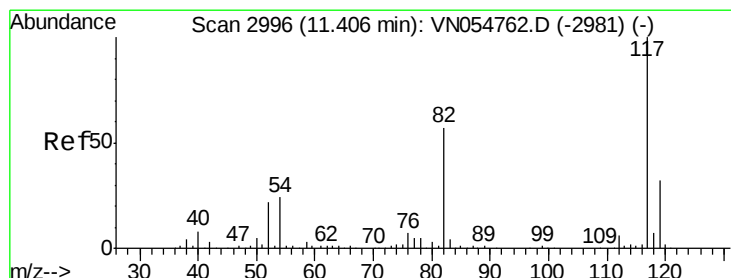
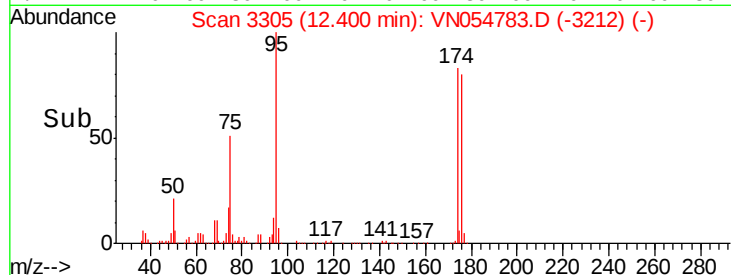
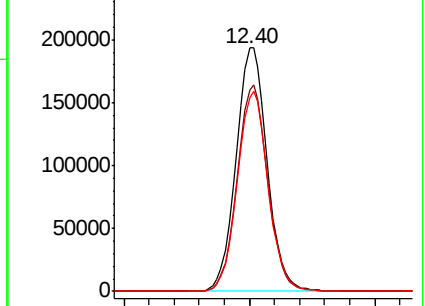
176 81.4 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054783.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN054783.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN054783.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054783.D

Acq: 29 Mar 2019 21:04

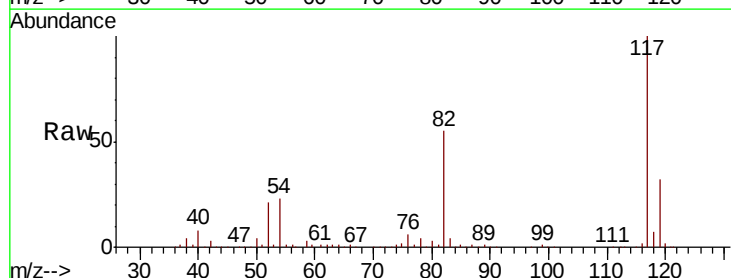
Tgt Ion: 117 Resp: 759505

Ion Ratio Lower Upper

117 100

82 54.7 40.0 60.0

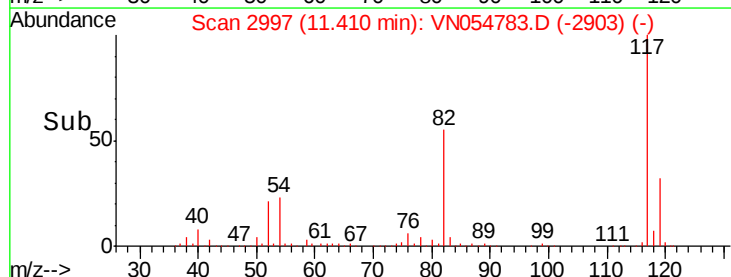
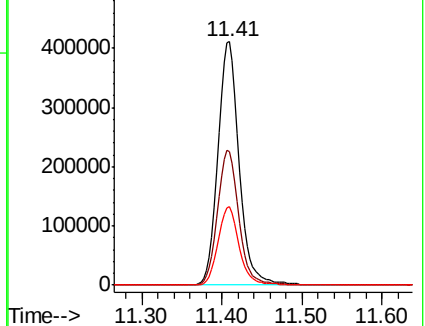
119 32.1 25.8 38.6

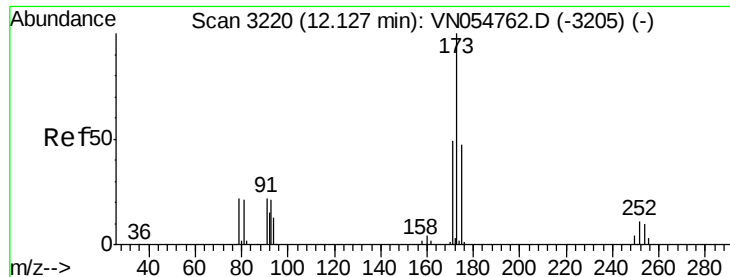


Abundance Ion 116.90 (116.60 to 117.60): VN054783.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN054783.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN054783.D (-2903) (-)





#71

Bromoform

Concen: 0.731 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN054783.D

Acq: 29 Mar 2019 21:04

Instrument :

MSVOA_N

ClientSampleId :

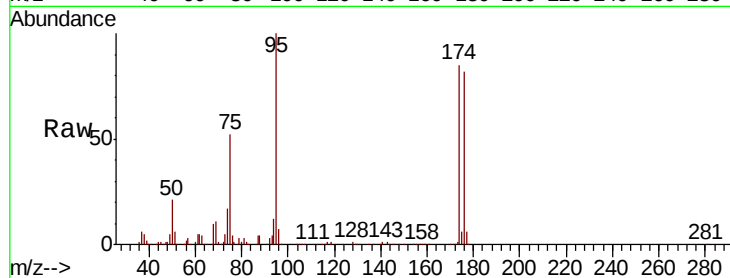
Tot Ion:173 Resp: 2383

Ion Ratio Lower Upper

173 100

175 751.5 24.4 73.2#

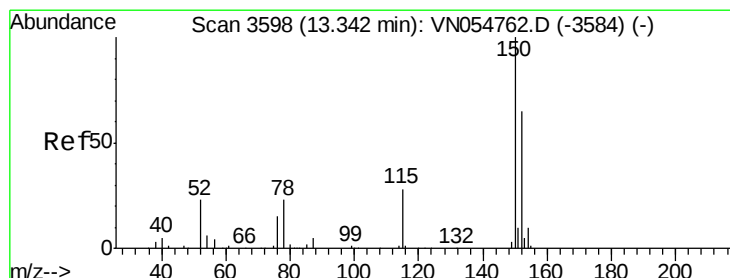
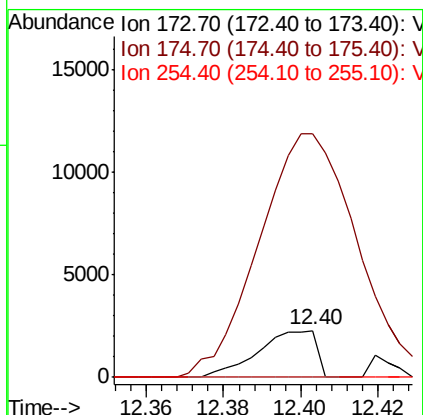
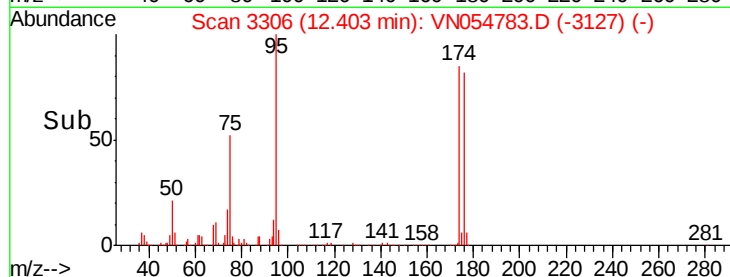
254 0.0 0.1 0.1#



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: VN054783.D

Acq: 29 Mar 2019 21:04

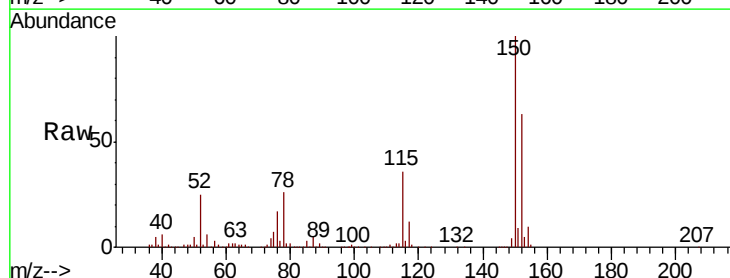
Tgt Ion:152 Resp: 278120

Ion Ratio Lower Upper

152 100

115 58.3 27.2 81.6

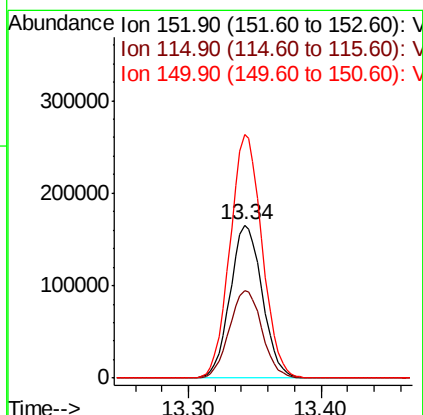
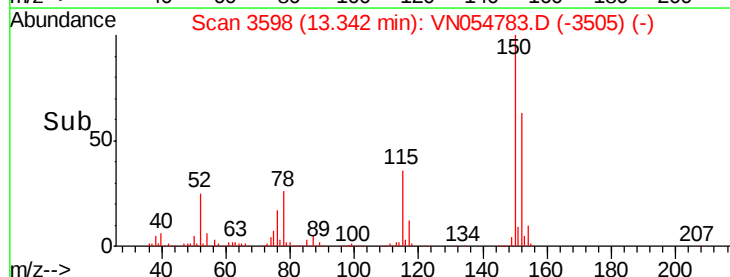
150 158.9 0.0 349.2

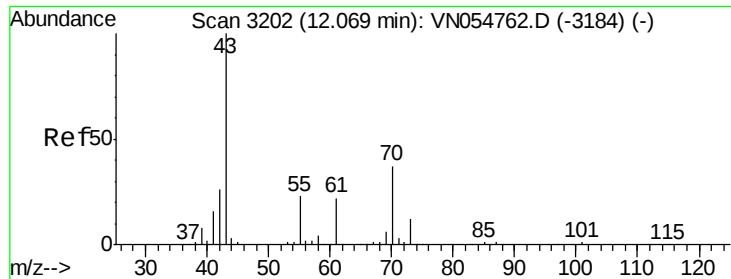


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.319 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN054783.D

Acq: 29 Mar 2019 21:04

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 43 Resp: 2259

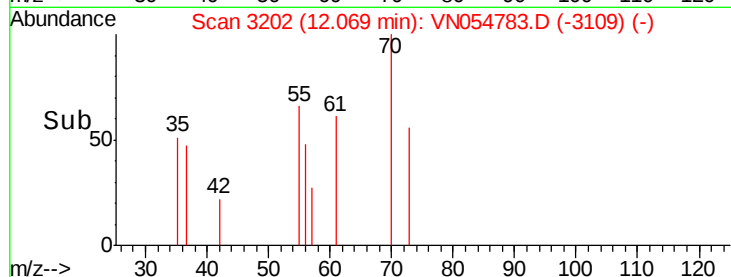
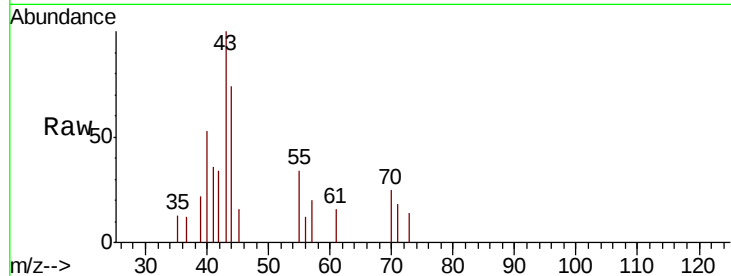
Ion Ratio Lower Upper

43 100

70 32.8 35.4 53.0#

55 34.0 19.8 29.6#

61 10.3 19.8 29.6#

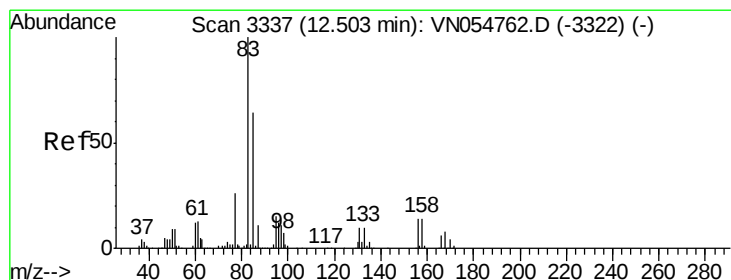
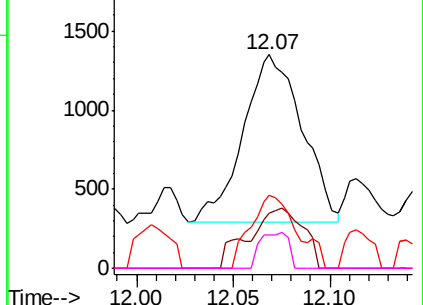


Abundance Ion 43.00 (42.70 to 43.70): VN0

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



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN054783.D

Acq: 29 Mar 2019 21:04

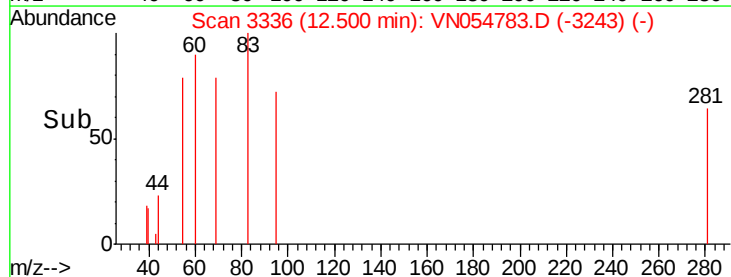
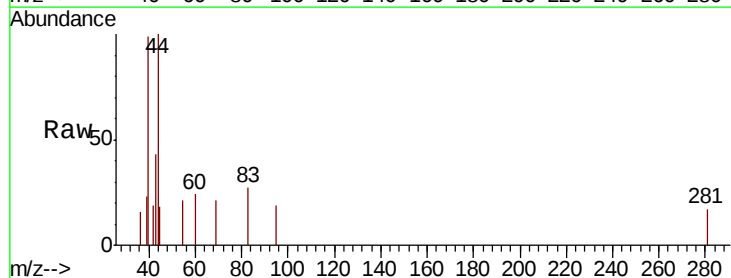
Tgt Ion: 83 Resp: 346

Ion Ratio Lower Upper

83 100

131 0.0 5.8 17.4#

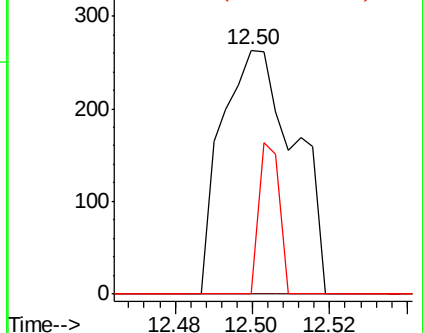
85 17.6 32.2 96.6#

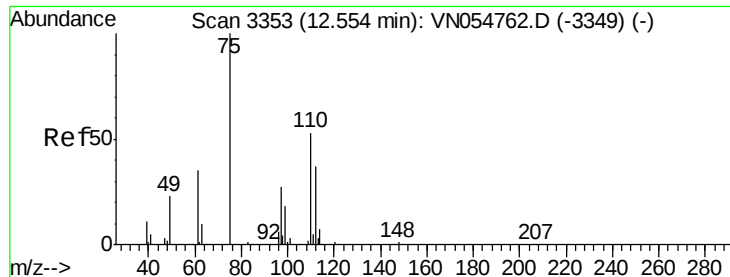


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 35.802 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN054783.D

Acq: 29 Mar 2019 21:04

Instrument :

MSVOA_N

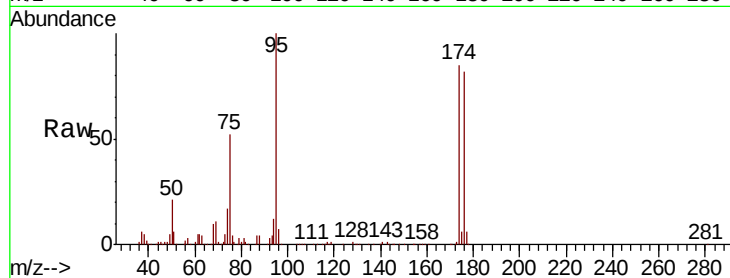
ClientSampleId :

Tot Ion: 75 Resp: 172981

Ion Ratio Lower Upper

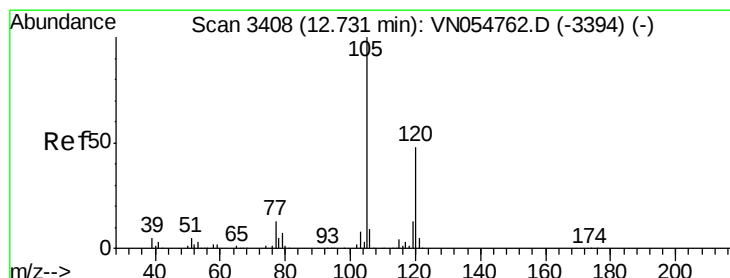
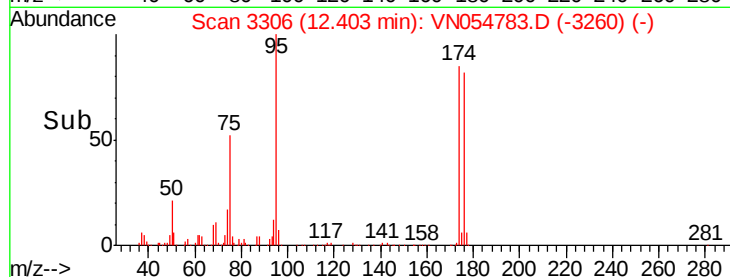
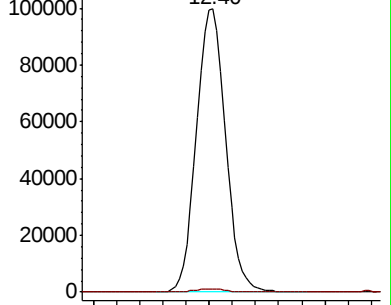
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN054783.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN054783.D (-3260) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.851 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN054783.D

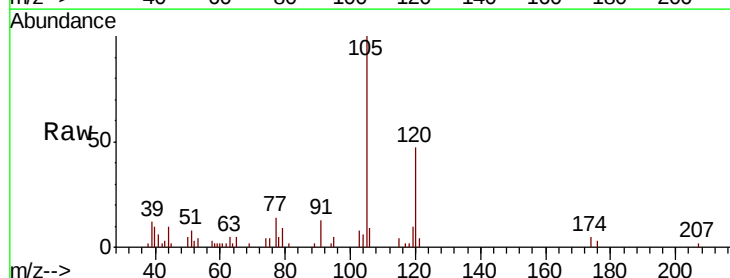
Acq: 29 Mar 2019 21:04

Tgt Ion: 105 Resp: 15868

Ion Ratio Lower Upper

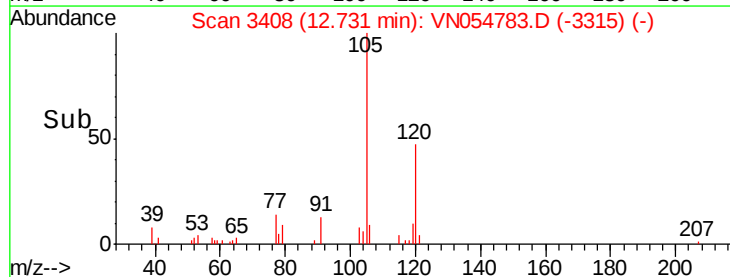
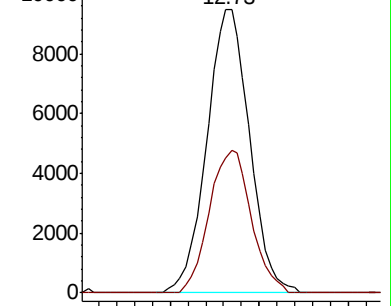
105 100

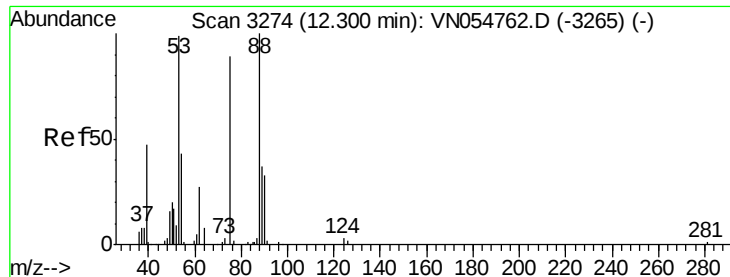
120 49.2 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VN054783.D (-3315) (-)

Ion 120.00 (119.70 to 120.70): VN054783.D (-3315) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 139.261 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN054783.D

Acq: 29 Mar 2019 21:04

Instrument :

MSVOA_N

ClientSampled :

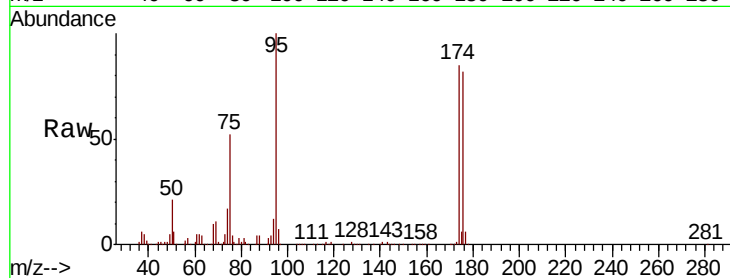
Tot Ion: 75 Resp: 172981

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

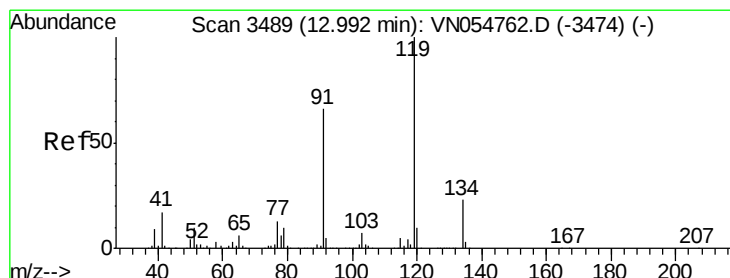
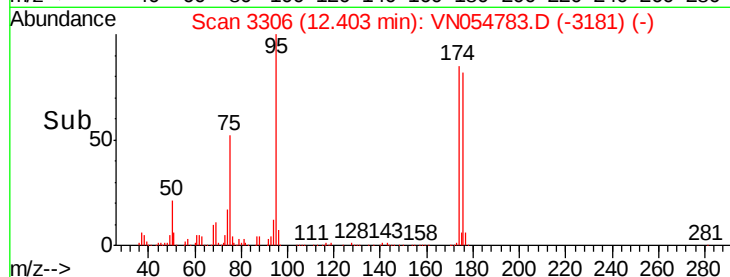
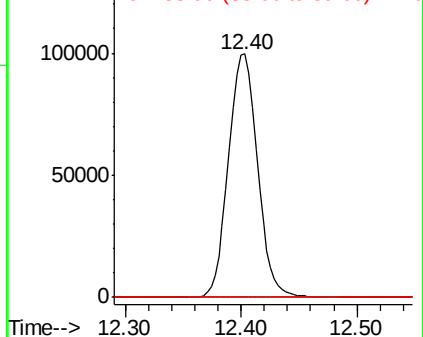
89 0.0 39.2 58.8#



Abundance Ion 74.90 (74.60 to 75.60): VN054783.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN054783.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN054783.D (-3181) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN054783.D

Acq: 29 Mar 2019 21:04

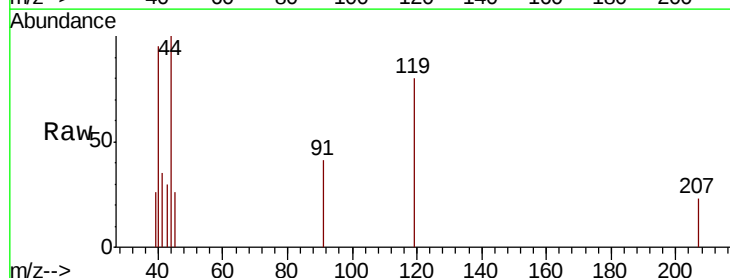
Tgt Ion: 119 Resp: 1043

Ion Ratio Lower Upper

119 100

91 73.8 30.9 92.8

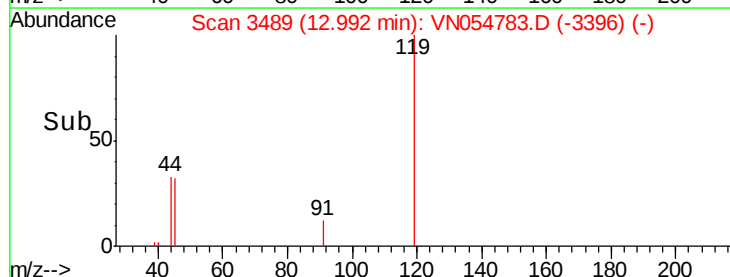
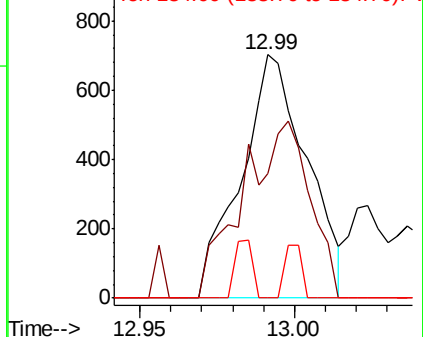
134 5.7 13.2 39.6#

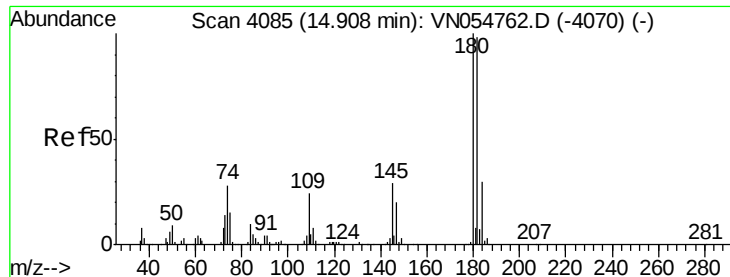


Abundance Ion 119.00 (118.70 to 119.70): VN054783.D (-3396) (-)

Ion 91.00 (90.70 to 91.70): VN054783.D (-3396) (-)

Ion 134.00 (133.70 to 134.70): VN054783.D (-3396) (-)

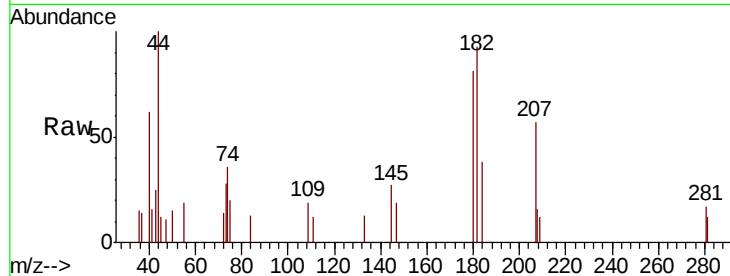




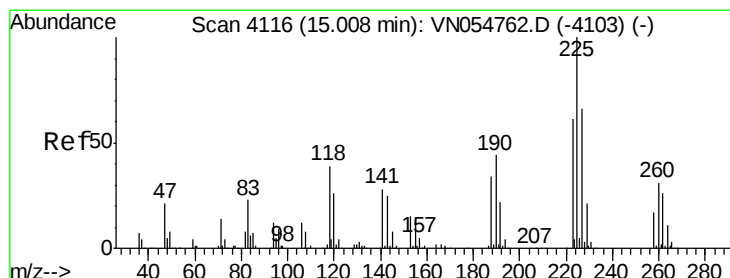
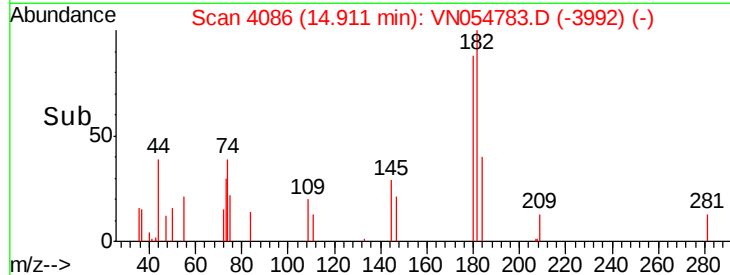
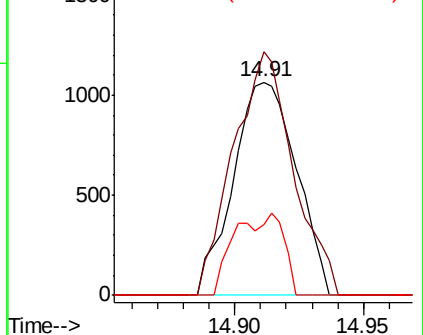
#93
 1,2,4-Trichlorobenzene
 Concen: 0.407 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN054783.D
 Acq: 29 Mar 2019 21:04

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 1819
 Ion Ratio Lower Upper
 180 100
 182 108.7 48.0 144.2
 145 15.8 14.2 42.8

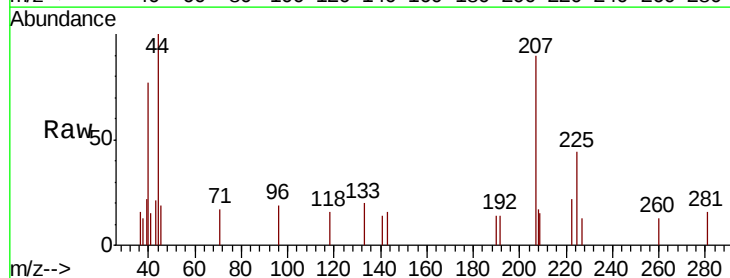


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

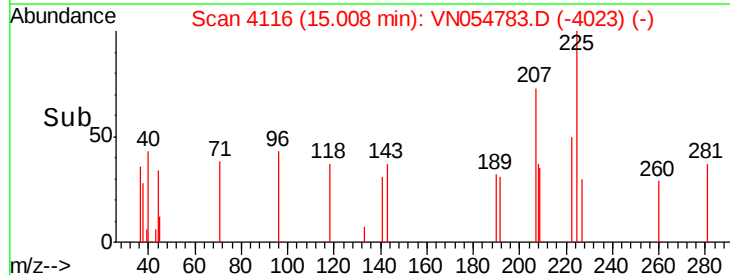
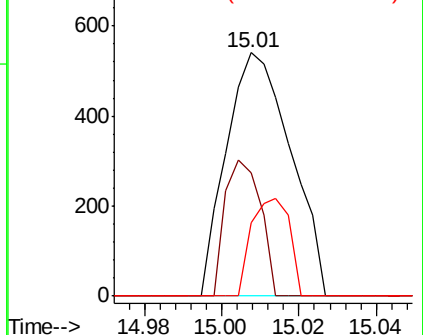


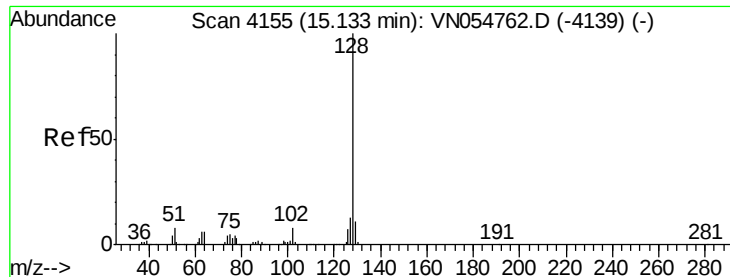
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN054783.D
 Acq: 29 Mar 2019 21:04

Tgt Ion:225 Resp: 625
 Ion Ratio Lower Upper
 225 100
 223 30.6 31.1 93.5#
 227 23.7 31.9 95.9#



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: 0.695 ug/l

RT: 15.14 min Scan# 4157

Delta R.T. 0.01 min

Lab File: VN054783.D

Acq: 29 Mar 2019 21:04

Instrument :

MSVOA_N

ClientSampleId :

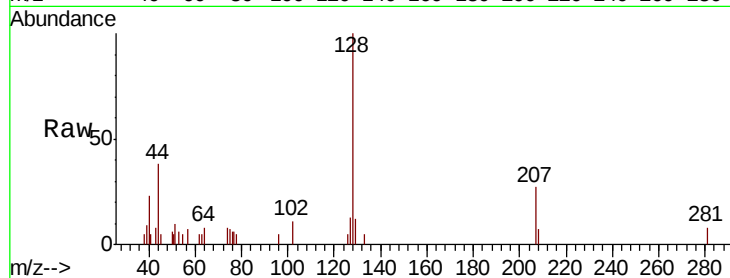
Tot Ion:128 Resp: 6962

Ion Ratio Lower Upper

128 100

127 11.7 10.1 15.1

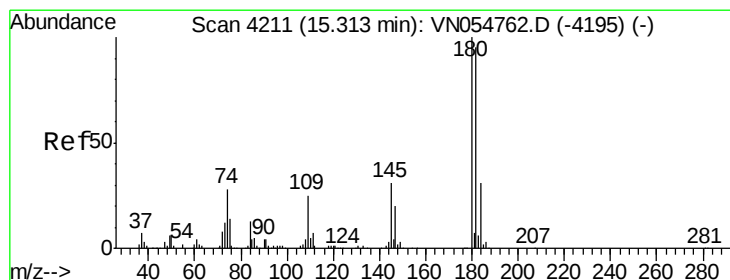
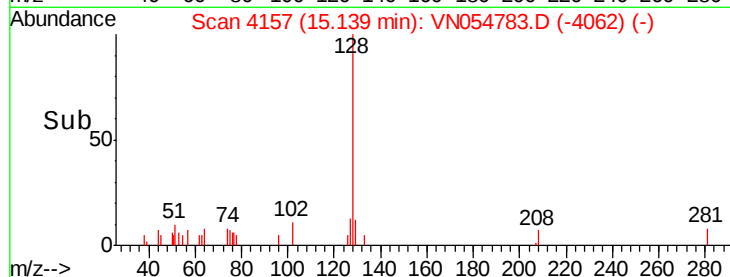
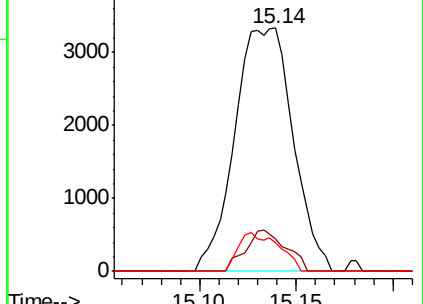
129 11.0 8.7 13.1



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: 0.509 ug/l

RT: 15.32 min Scan# 4213

Delta R.T. 0.01 min

Lab File: VN054783.D

Acq: 29 Mar 2019 21:04

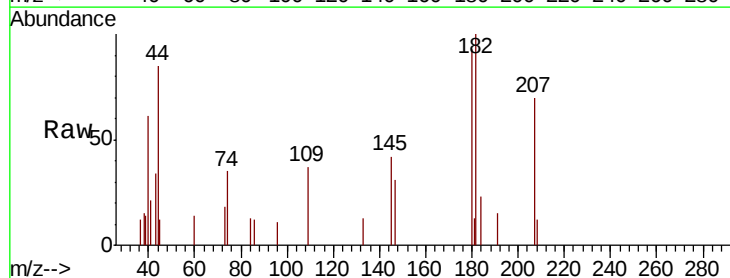
Tgt Ion:180 Resp: 2296

Ion Ratio Lower Upper

180 100

182 88.7 47.5 142.6

145 35.7 14.8 44.3



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

