

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071719\
 Data File : VN056784.D
 Acq On : 17 Jul 2019 9:32
 Operator : JC/SP
 Sample : VN0717MBL01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0717MBL01

Quant Time: Jul 18 01:03:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 07:03:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	244585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	441819	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	451924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	156199	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	144998	53.59	ug/l	0.00
Spiked Amount						
35) Dibromofluoromethane	7.59	113	131512	47.83	ug/l	0.00
Spiked Amount						
50) Toluene-d8	10.09	98	551075	51.89	ug/l	0.00
Spiked Amount						
62) 4-Bromofluorobenzene	12.40	95	191020	53.34	ug/l	0.00
Spiked Amount						

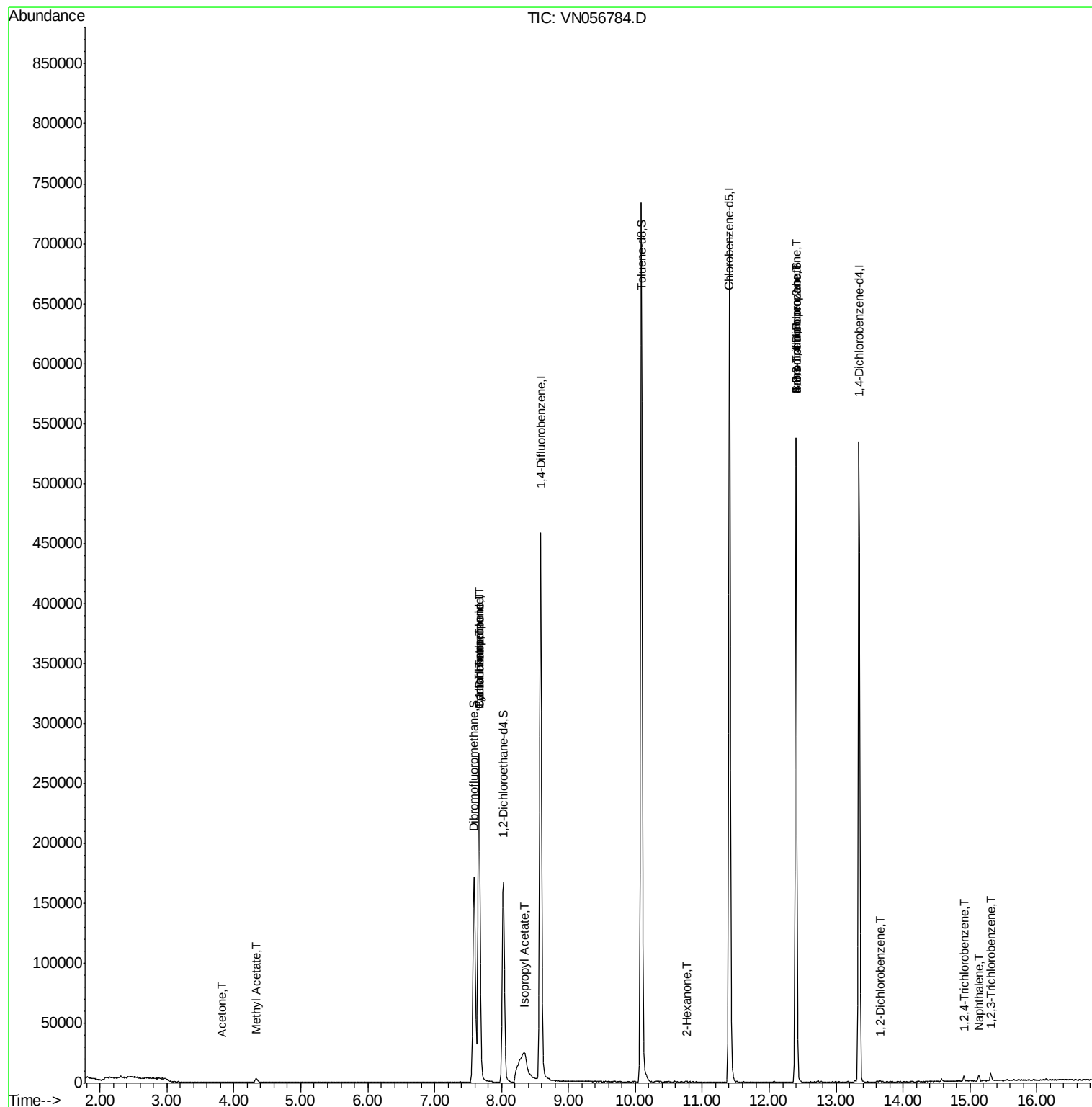
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	424	0.340	ug/l #	41
18) Methyl Acetate	4.34	43	6495	1.373	ug/l	96
31) Cyclohexane	7.67	56	4322	0.999	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	15399	3.766	ug/l #	49
38) Carbon Tetrachloride	7.66	117	21019	5.482	ug/l #	16
43) Isopropyl Acetate	8.33	43	46999	7.419	ug/l #	53
59) 2-Hexanone	10.76	43	1750	0.594	ug/l #	59
71) Bromoform	12.40	173	1689	0.652	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	88846	26.006	ug/l #	100
79) 2-Chlorotoluene	12.68	91	522	Below Cal	#	39
81) trans-1,4-Dichloro-2-buten	12.40	75	88846	80.316	ug/l #	13
83) tert-Butylbenzene	12.99	119	242	Below Cal	#	42
91) 1,2-Dichlorobenzene	13.66	146	1108	0.201	ug/l	77
93) 1,2,4-Trichlorobenzene	14.91	180	2186	4.355	ug/l	86
94) Hexachlorobutadiene	15.01	225	258	Below Cal	#	33
95) Naphthalene	15.13	128	5498	5.123	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.32	180	3174	4.301	ug/l	98

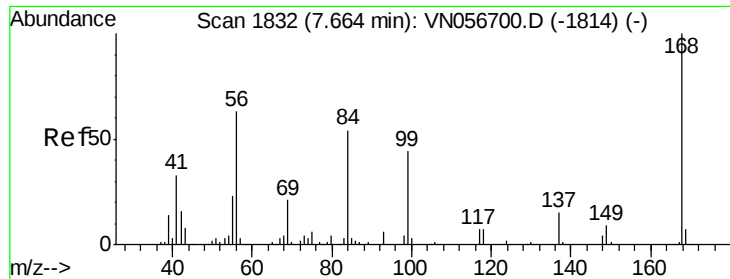
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN071719\
Data File : VN056784.D
Acq On : 17 Jul 2019 9:32
Operator : JC/SP
Sample : VN0717MBL01
Misc : 5.00µL/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0717MBL01

Quant Time: Jul 18 01:03:50 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 16 07:03:34 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: VN056784.D

Acq: 17 Jul 2019 9:32

Instrument :

MSVOA_N

ClientSampleId :

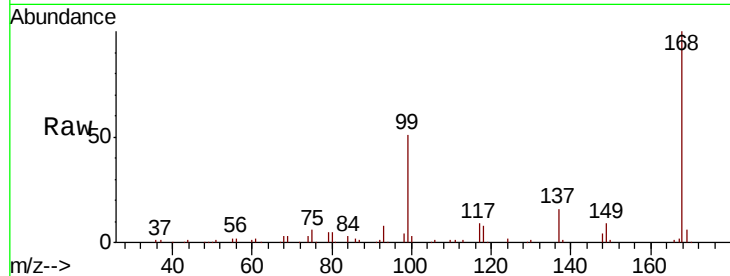
VN0717MBL01

Tot Ion:168 Resp: 244585

Ion Ratio Lower Upper

168 100

99 51.0 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VN056784.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN056784.D (-1739) (-)

7.66

100000

80000

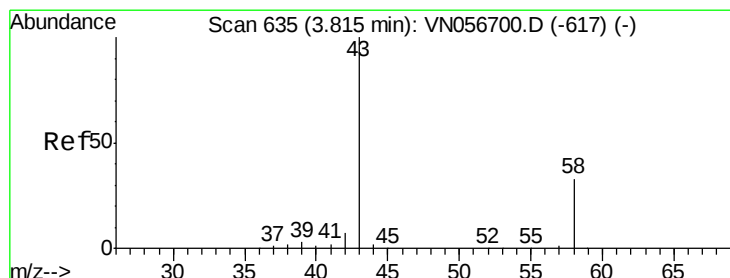
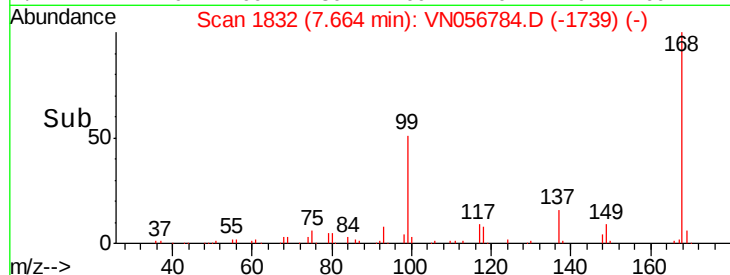
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 0.340 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056784.D

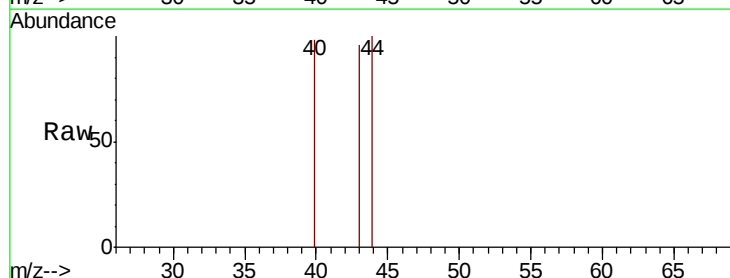
Acq: 17 Jul 2019 9:32

Tgt Ion: 43 Resp: 424

Ion Ratio Lower Upper

43 100

58 0.0 26.7 40.1#



Abundance Ion 43.00 (42.70 to 43.70): VN056784.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN056784.D (-542) (-)

3.82

400

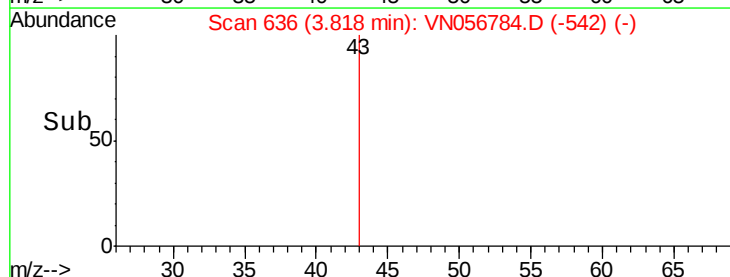
300

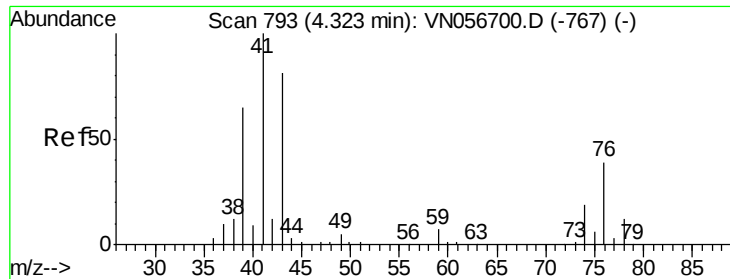
200

100

0

Time-->

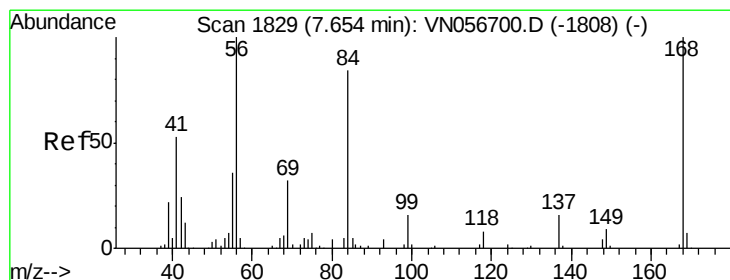
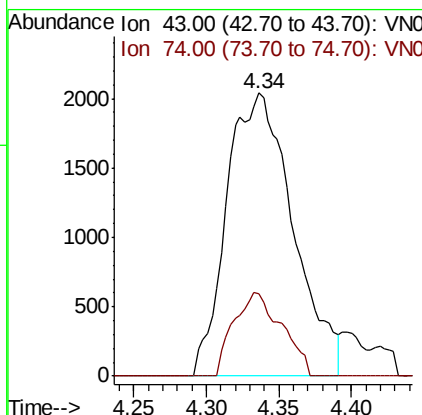
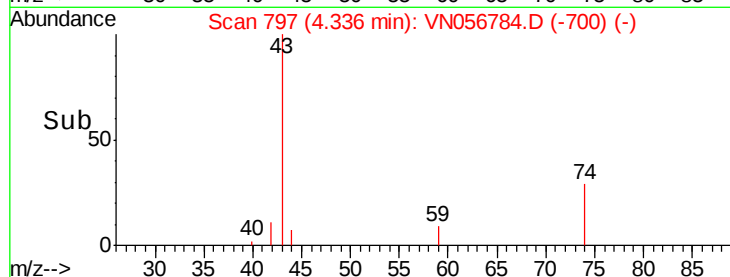
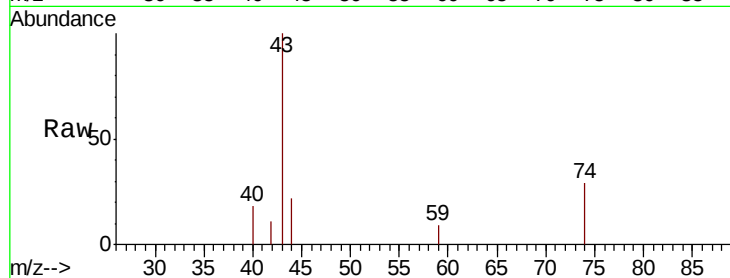




#18
Methvl Acetate
Concen: 1.373 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN056784.D
Acq: 17 Jul 2019 9:32

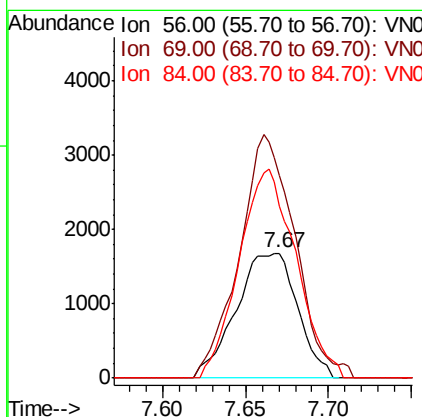
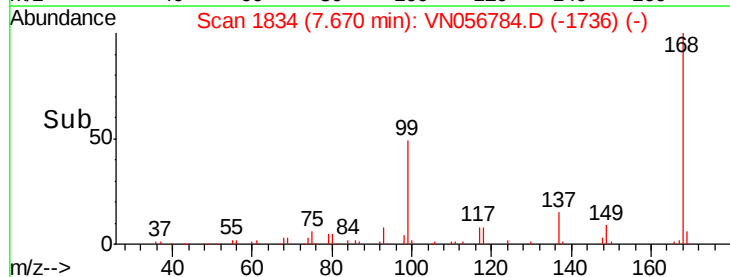
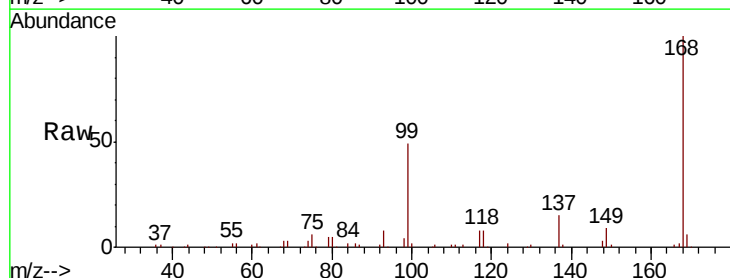
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBL01

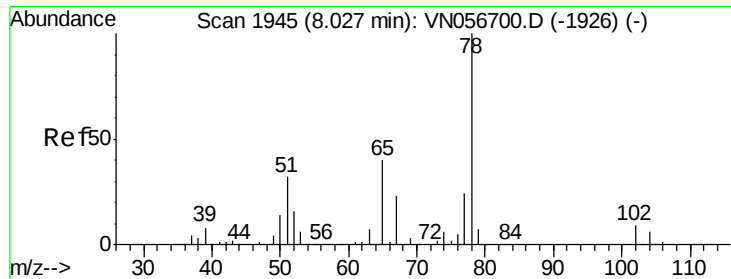
Tot Ion: 43 Resp: 6495
Ion Ratio Lower Upper
43 100
74 21.5 18.9 28.3



#31
Cyclohexane
Concen: 0.999 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. 0.02 min
Lab File: VN056784.D
Acq: 17 Jul 2019 9:32

Tgt Ion: 56 Resp: 4322
Ion Ratio Lower Upper
56 100
69 162.5 25.8 38.8#
84 137.7 67.4 101.0#

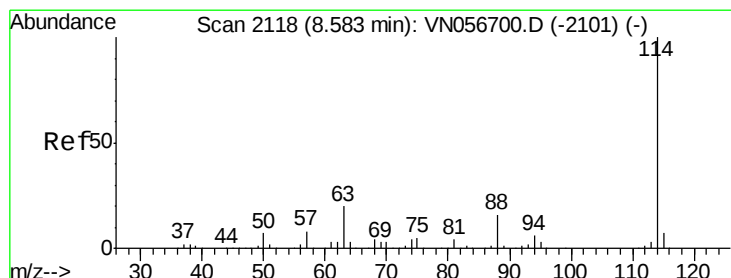
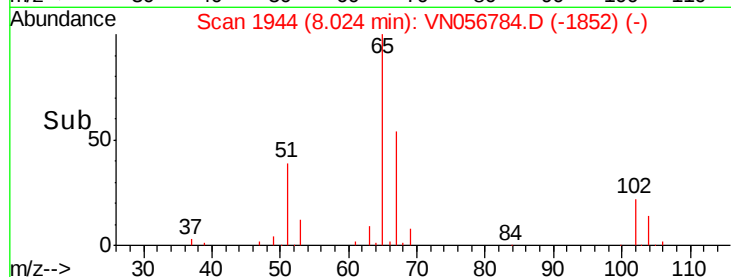
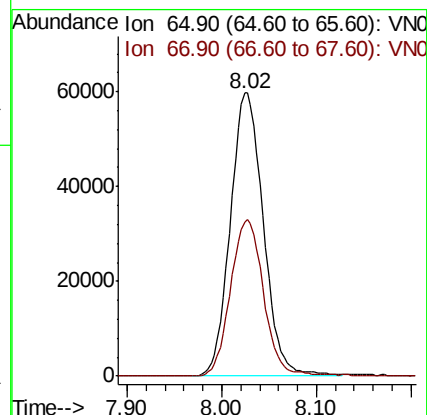
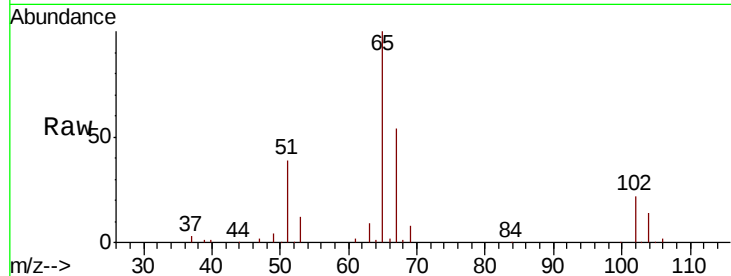




#33
 1,2-Dichloroethane-d4
 Concen: 53.595 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN056784.D
 Acq: 17 Jul 2019 9:32

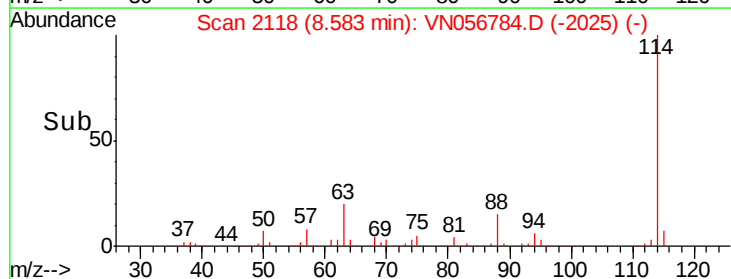
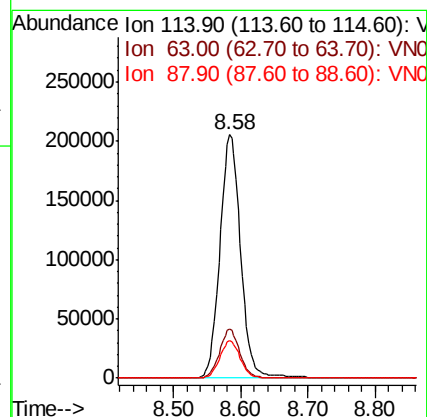
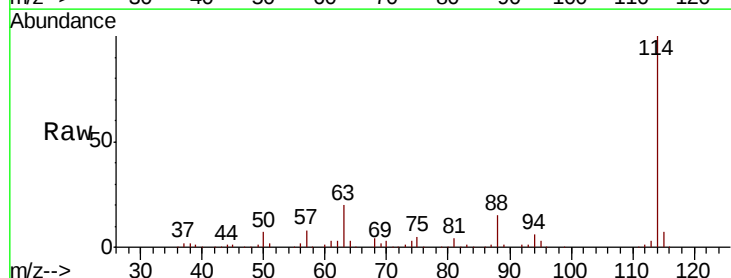
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0717MBL01

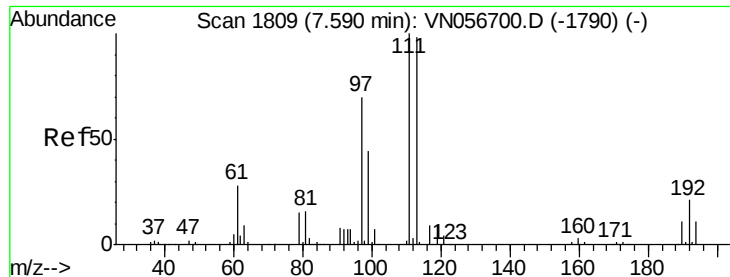
Tot Ion: 65 Resp: 144998
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056784.D
 Acq: 17 Jul 2019 9:32

Tgt Ion: 114 Resp: 441819
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.4
 88 15.3 0.0 31.2

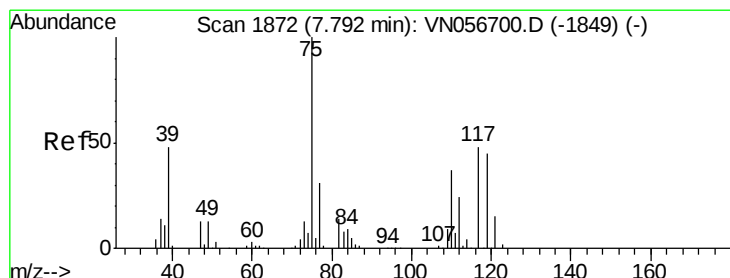
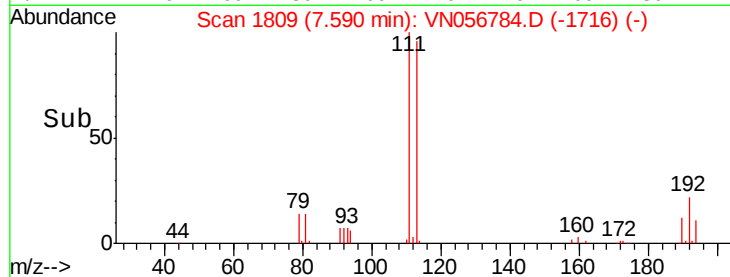
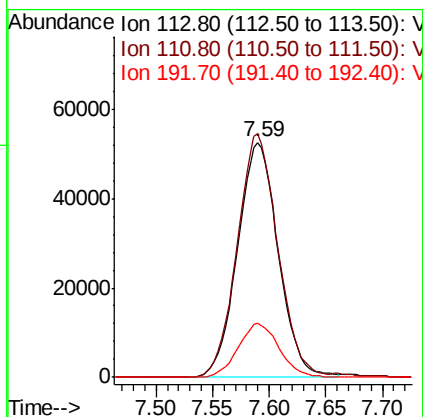
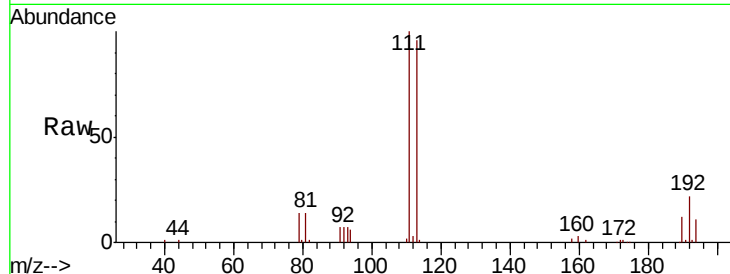




#35
 Dibromofluoromethane
 Concen: 47.831 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056784.D
 Acq: 17 Jul 2019 9:32

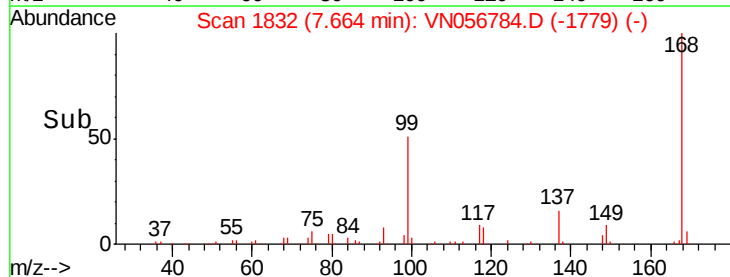
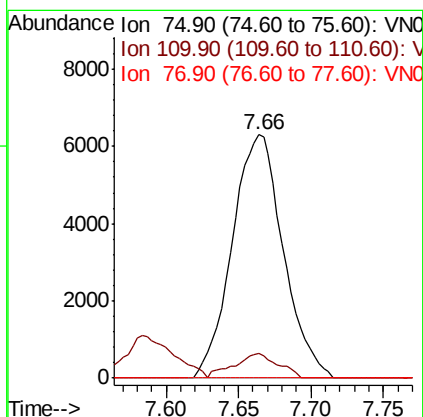
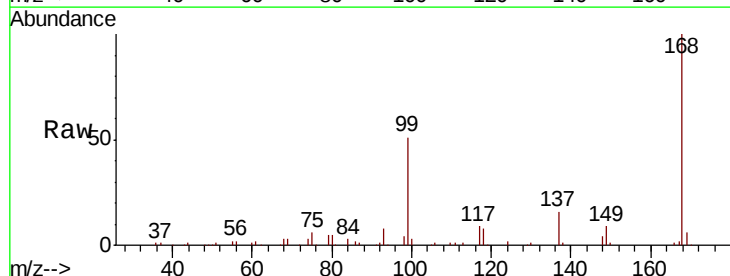
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0717MBL01

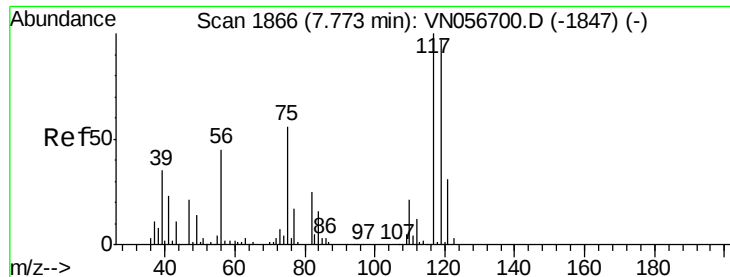
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.8	122.6
192	23.1	17.5	26.3



#36
 1,1-Dichloropropene
 Concen: 3.766 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN056784.D
 Acq: 17 Jul 2019 9:32

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.4	55.4#
77	0.0	24.6	36.8#

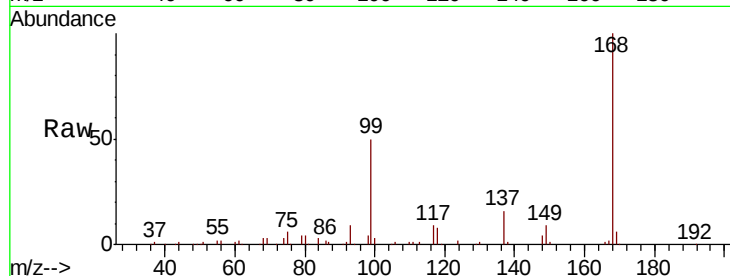




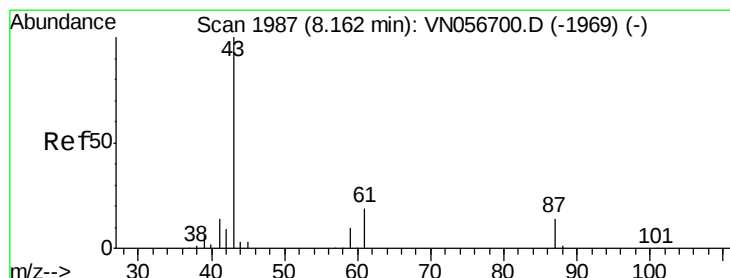
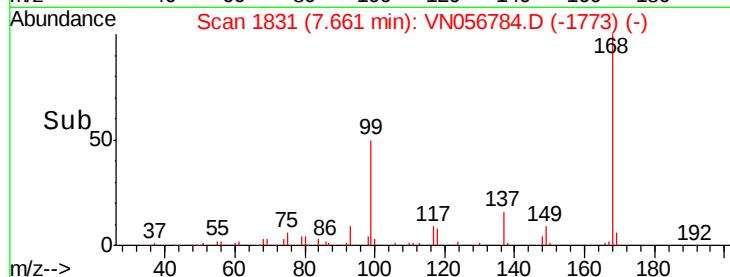
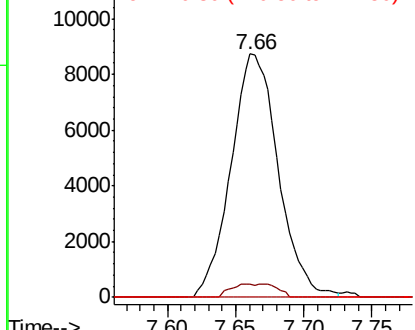
#38
Carbon Tetrachloride
Concen: 5.482 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN056784.D
Acq: 17 Jul 2019 9:32

Instrument :
MSVOA_N
ClientSampleId :
VN0717MBL01

Tot Ion:117 Resp: 21019
Ion Ratio Lower Upper
117 100
119 5.2 77.5 116.3#
121 0.0 24.7 37.1#

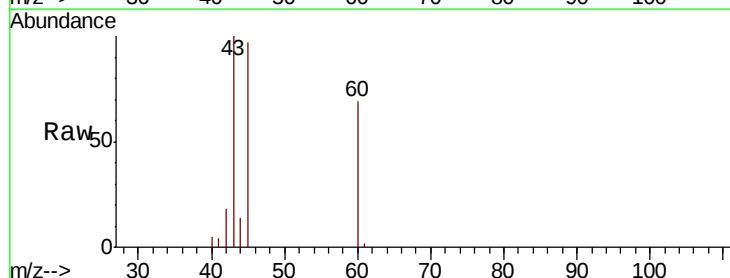


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

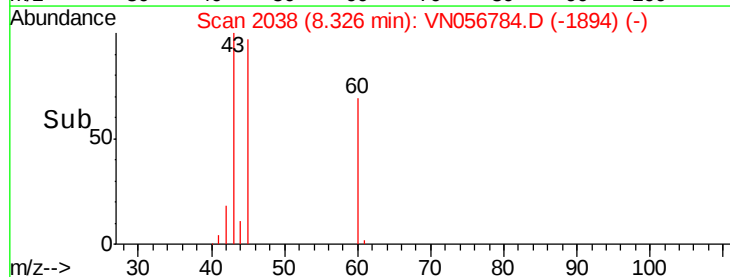
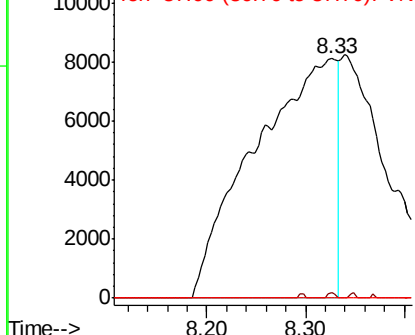


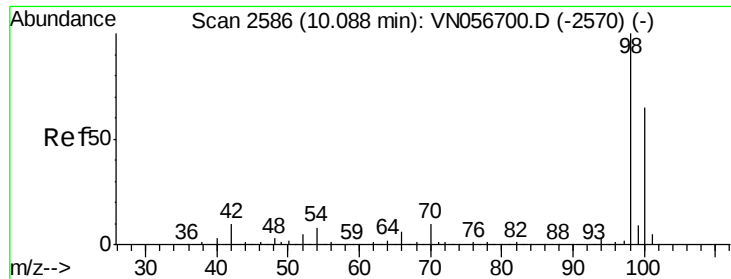
#43
Isopropyl Acetate
Concen: 7.419 ug/l
RT: 8.33 min Scan# 2038
Delta R.T. 0.16 min
Lab File: VN056784.D
Acq: 17 Jul 2019 9:32

Tgt Ion: 43 Resp: 46999
Ion Ratio Lower Upper
43 100
61 0.2 22.3 33.5#
87 0.0 11.1 16.7#



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





#50

Toluene-d8

Concen: 51.894 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056784.D

Acq: 17 Jul 2019 9:32

Instrument :

MSVOA_N

ClientSampleId :

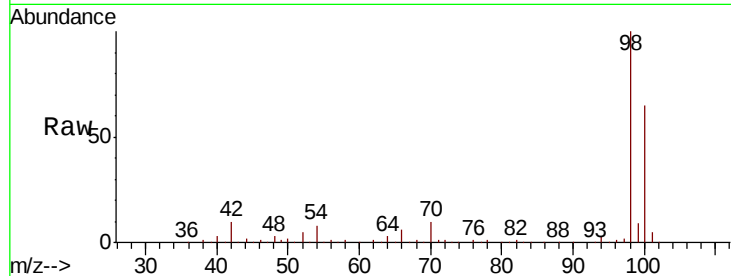
VN0717MBL01

Tot Ion: 98 Resp: 551075

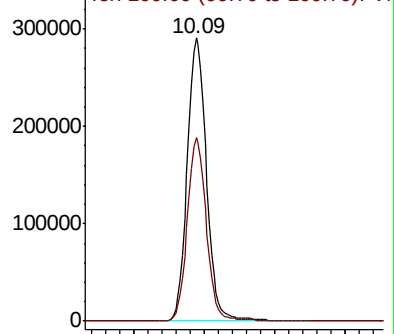
Ion Ratio Lower Upper

98 100

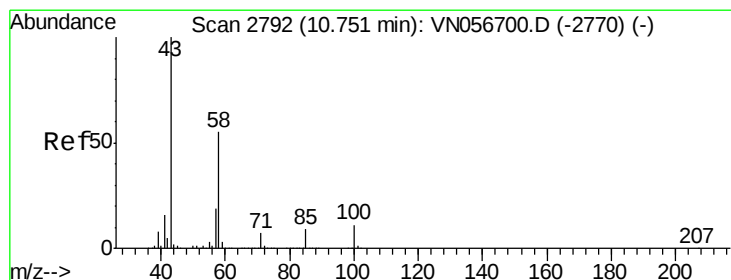
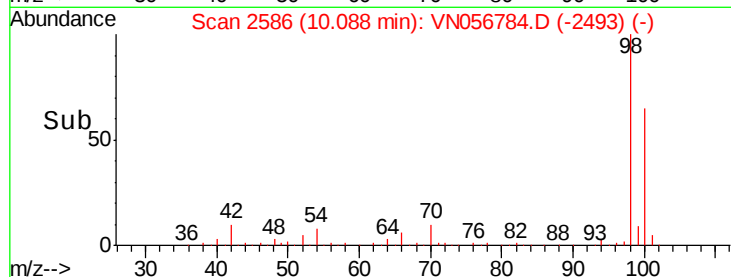
100 64.3 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN056784.D (-2570) (-)



Time-->



#59

2-Hexanone

Concen: 0.594 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.01 min

Lab File: VN056784.D

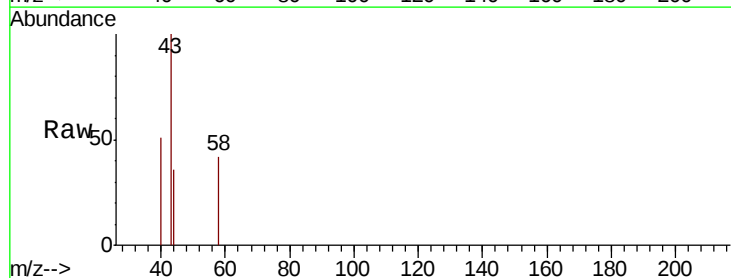
Acq: 17 Jul 2019 9:32

Tgt Ion: 43 Resp: 1750

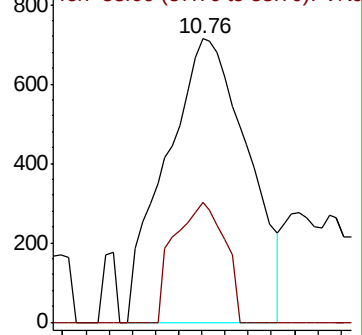
Ion Ratio Lower Upper

43 100

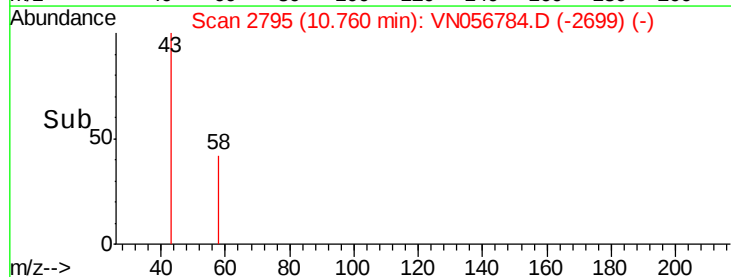
58 26.1 27.9 83.6#

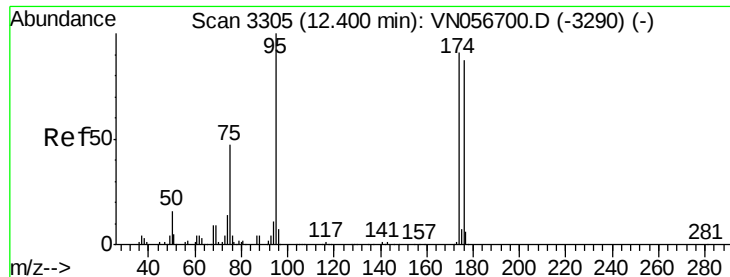


Abundance Ion 43.00 (42.70 to 43.70): VN056784.D (-2699) (-)



Time-->

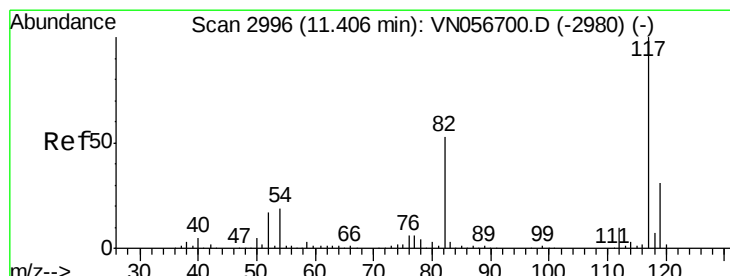
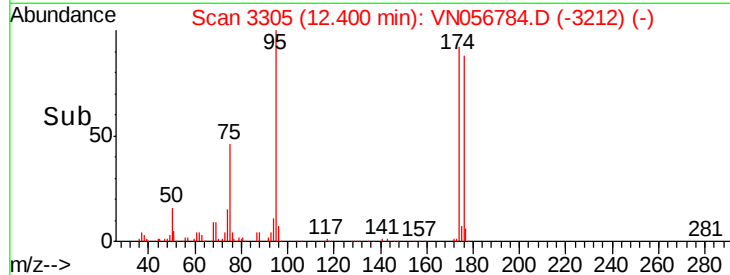
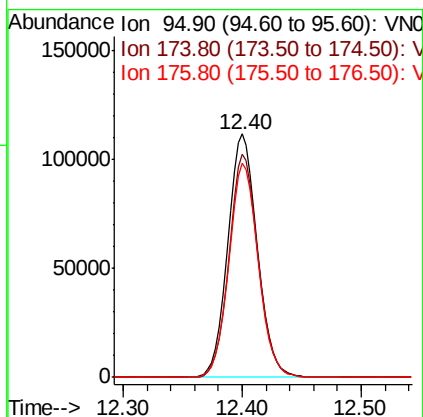
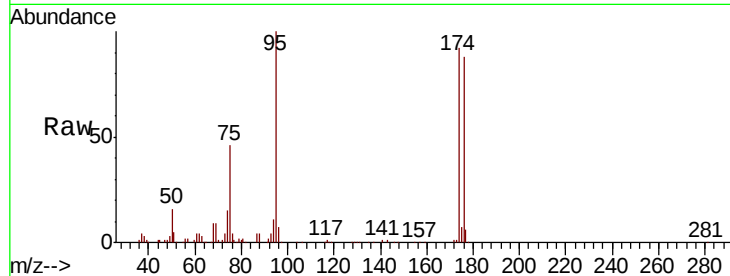




#62
4-Bromofluorobenzene
Concen: 53.340 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056784.D
Acq: 17 Jul 2019 9:32

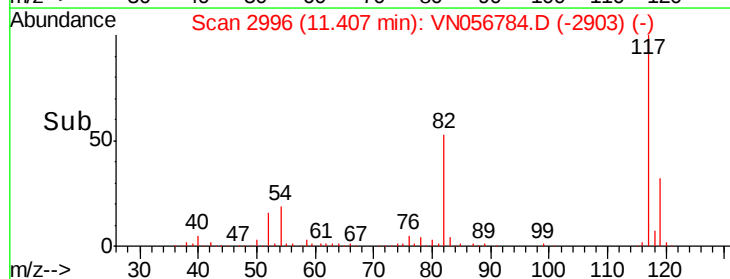
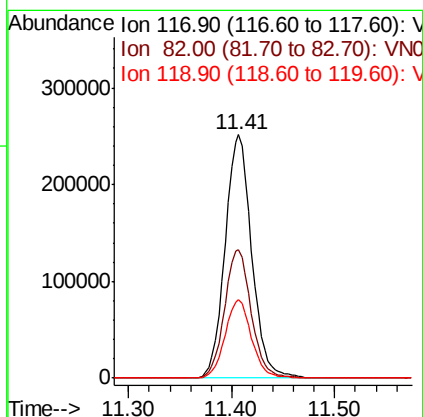
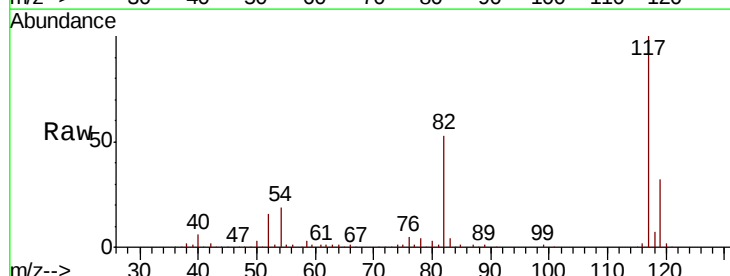
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBL01

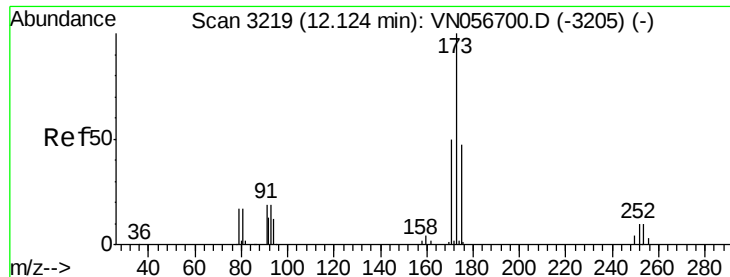
Tot Ion	95	Resp	191020
Ion Ratio	Lower	Upper	
95	100		
174	90.8	0.0	180.0
176	87.5	0.0	173.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056784.D
Acq: 17 Jul 2019 9:32

Tgt Ion	117	Resp	451924
Ion Ratio	Lower	Upper	
117	100		
82	52.9	42.2	63.2
119	32.3	25.2	37.8





#71

Bromoform

Concen: 0.652 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN056784.D

Acq: 17 Jul 2019 9:32

Instrument :

MSVOA_N

ClientSampleId :

VN0717MBL01

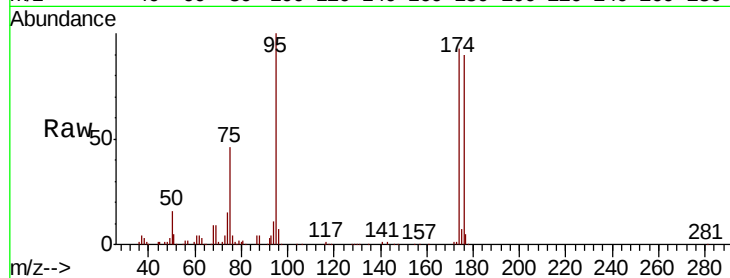
Tot Ion:173 Resp: 1689

Ion Ratio Lower Upper

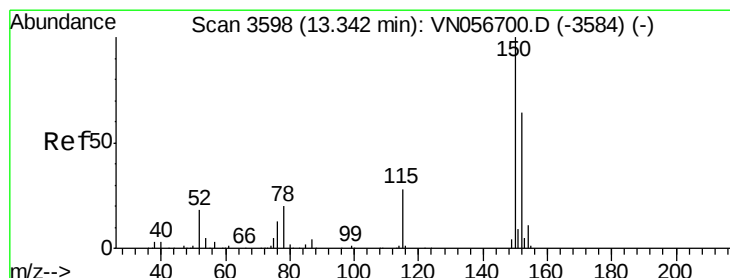
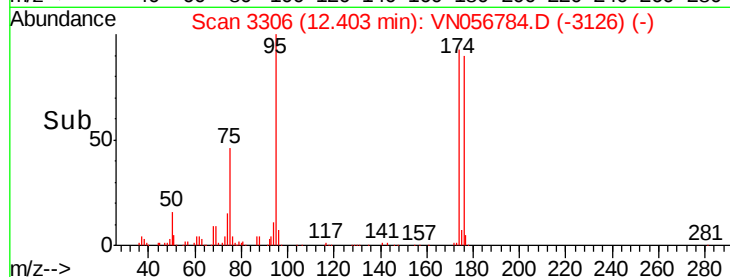
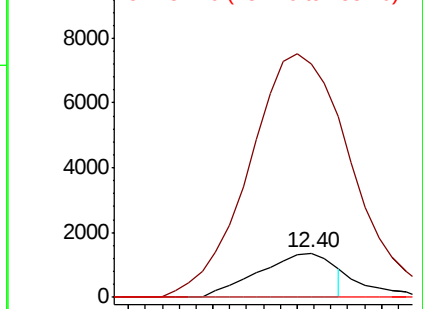
173 100

175 615.4 23.8 71.4#

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056784.D

Acq: 17 Jul 2019 9:32

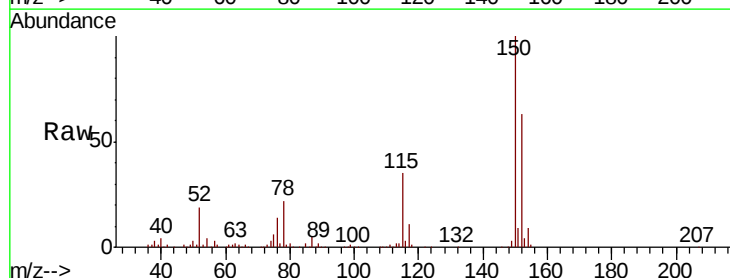
Tgt Ion:152 Resp: 156199

Ion Ratio Lower Upper

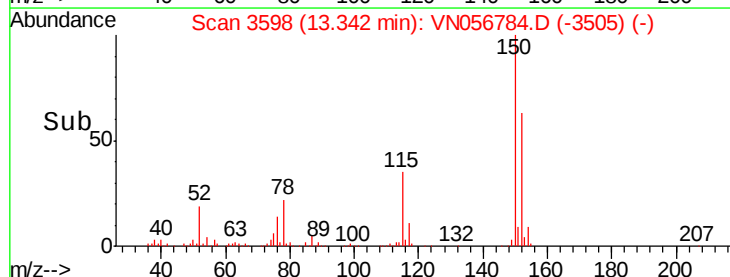
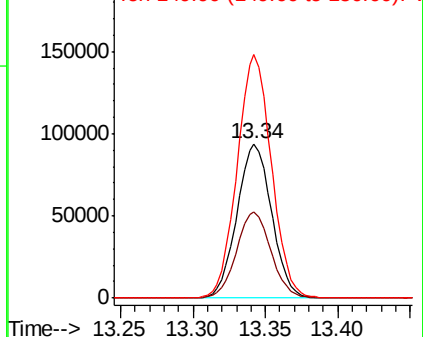
152 100

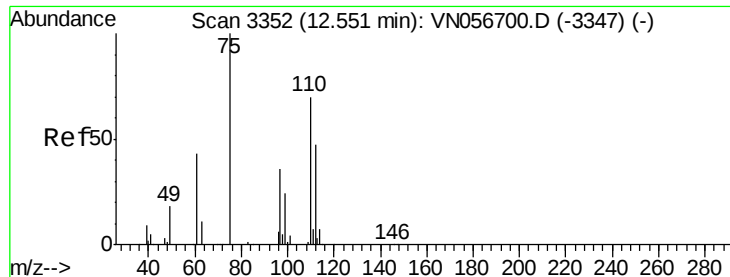
115 55.4 28.2 84.7

150 155.9 0.0 345.8



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





#76

1,2,3-Trichloropropane

Concen: 26.006 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056784.D

Acq: 17 Jul 2019 9:32

Instrument :

MSVOA_N

ClientSampleId :

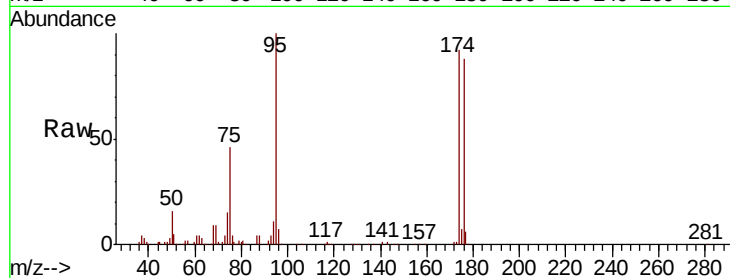
VN0717MBL01

Tot Ion: 75 Resp: 88846

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

60000

50000

40000

30000

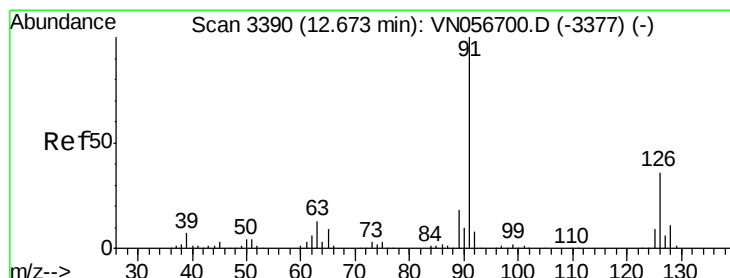
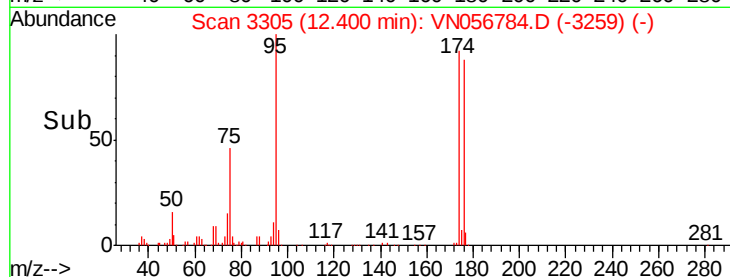
20000

10000

0

12.35 12.40 12.45

Time-->



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN056784.D

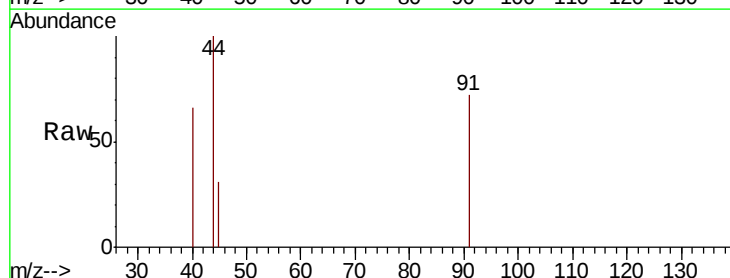
Acq: 17 Jul 2019 9:32

Tgt Ion: 91 Resp: 522

Ion Ratio Lower Upper

91 100

126 0.0 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

400

300

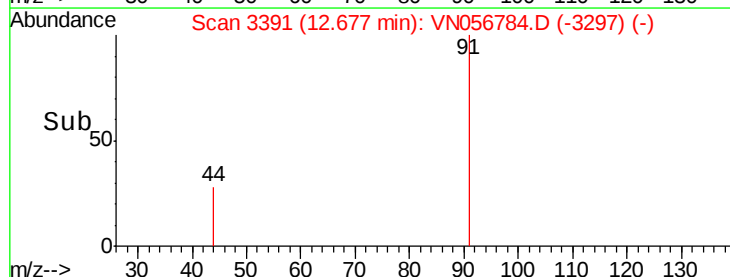
200

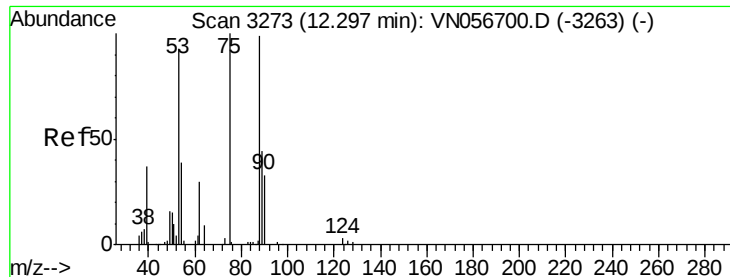
100

0

12.64 12.66 12.68 12.70

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 80.316 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056784.D

Acq: 17 Jul 2019 9:32

Instrument :

MSVOA_N

ClientSampleId :

VN0717MBL01

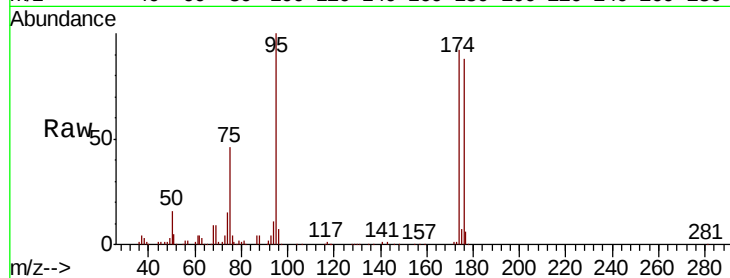
Tot Ion: 75 Resp: 88846

Ion Ratio Lower Upper

75 100

53 0.0 73.7 110.5#

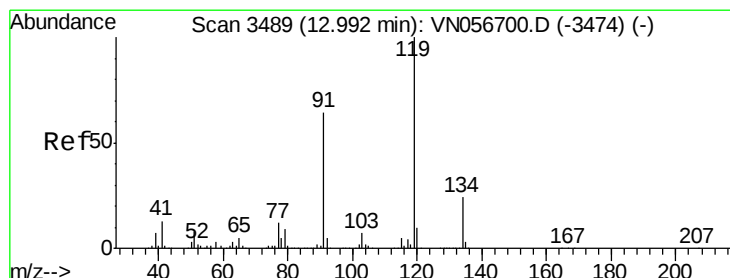
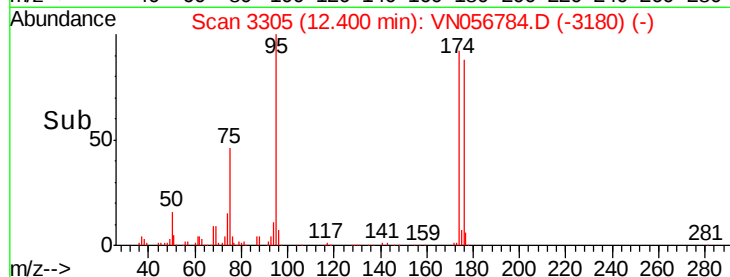
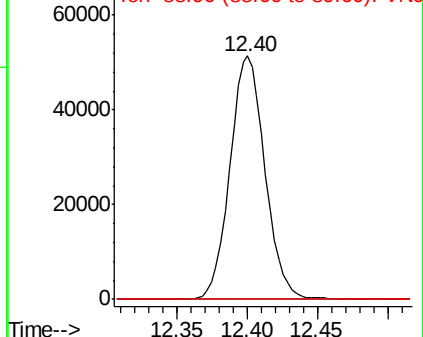
89 0.0 36.2 54.2#



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



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.99 min Scan# 3488

Delta R.T. -0.00 min

Lab File: VN056784.D

Acq: 17 Jul 2019 9:32

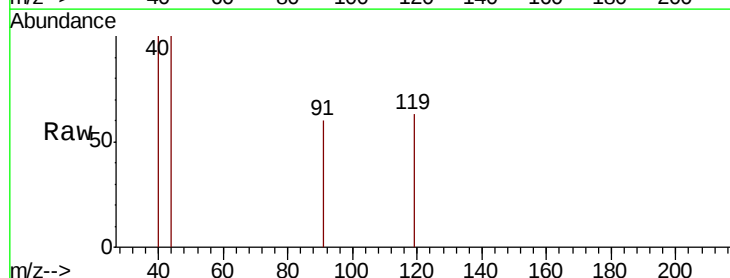
Tgt Ion: 119 Resp: 242

Ion Ratio Lower Upper

119 100

91 111.2 31.8 95.4#

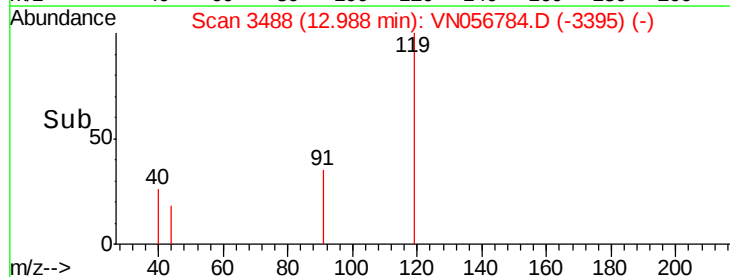
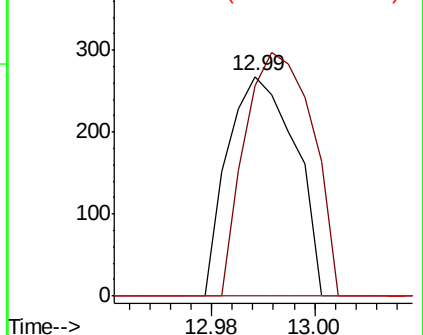
134 0.0 13.0 38.9#

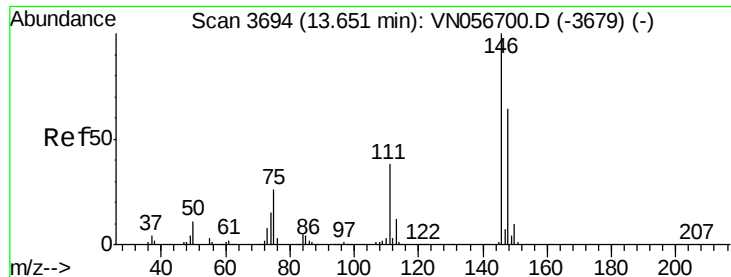


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V





#91

1,2-Dichlorobenzene

Concen: 0.201 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.01 min

Lab File: VN056784.D

Acq: 17 Jul 2019 9:32

Instrument :

MSVOA_N

ClientSampleId :

VN0717MBL01

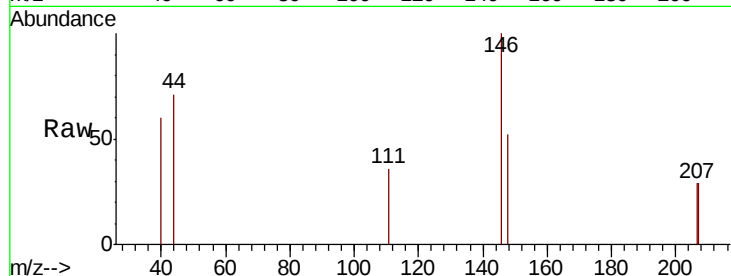
Tot Ion:146 Resp: 1108

Ion Ratio Lower Upper

146 100

111 25.7 19.1 57.1

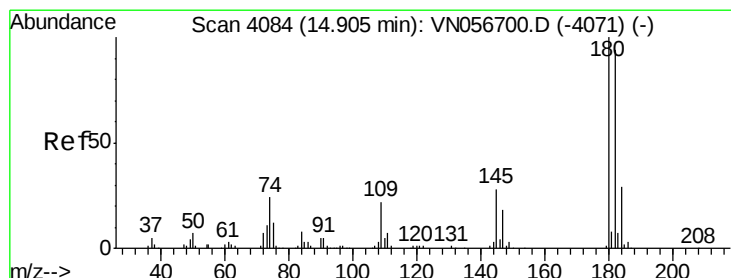
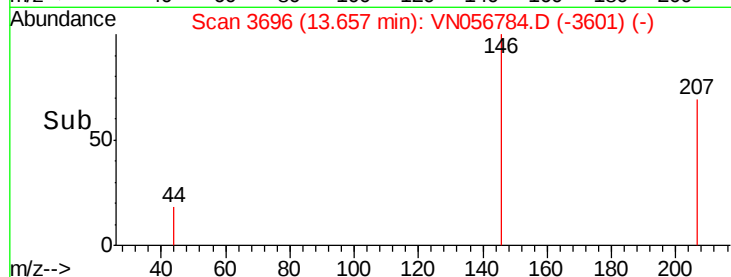
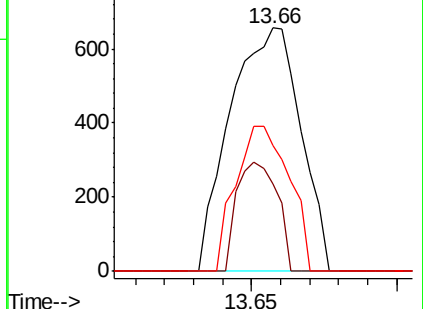
148 44.9 31.7 95.1



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



#93

1,2,4-Trichlorobenzene

Concen: 4.355 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.01 min

Lab File: VN056784.D

Acq: 17 Jul 2019 9:32

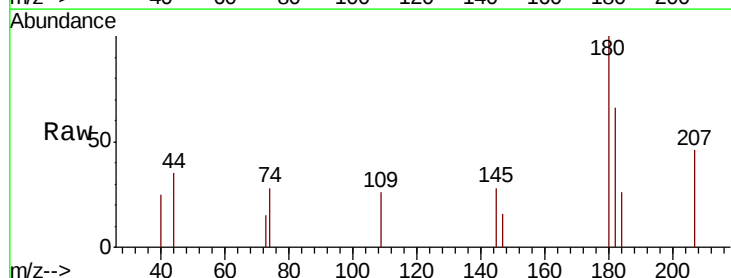
Tgt Ion:180 Resp: 2186

Ion Ratio Lower Upper

180 100

182 79.4 47.2 141.6

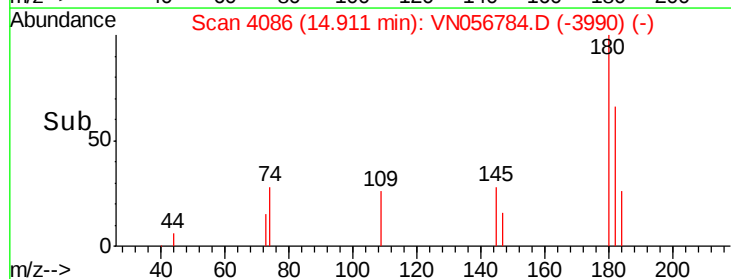
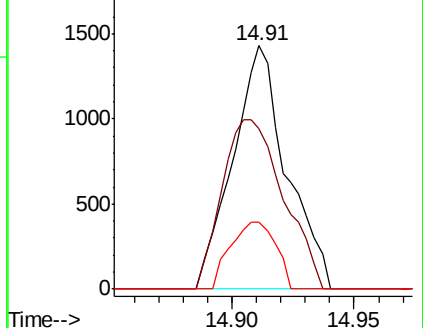
145 23.3 14.2 42.8

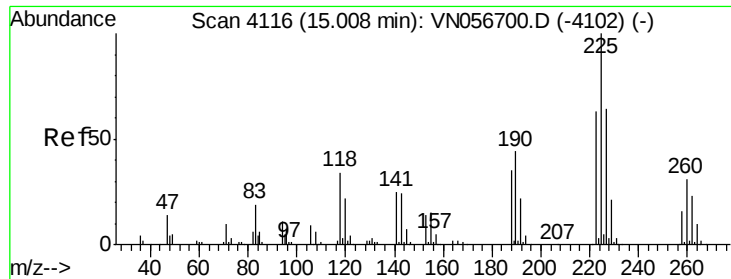


Abundance Ion 179.80 (179.50 to 180.50): V

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# 4117

Delta R.T. 0.00 min

Lab File: VN056784.D

Acq: 17 Jul 2019 9:32

Instrument :

MSVOA_N

ClientSampled :

VN0717MBL01

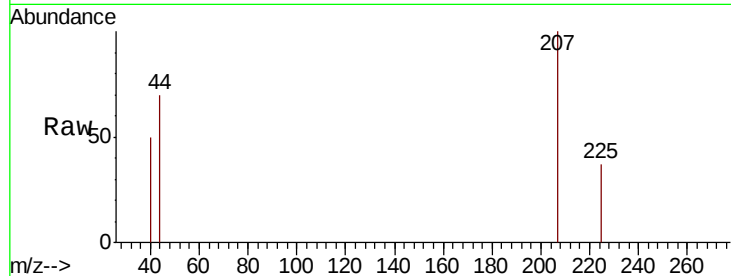
Tot Ion:225 Resp: 258

Ion Ratio Lower Upper

225 100

223 0.0 31.5 94.5#

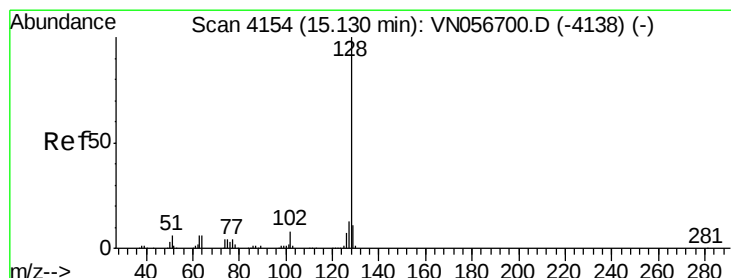
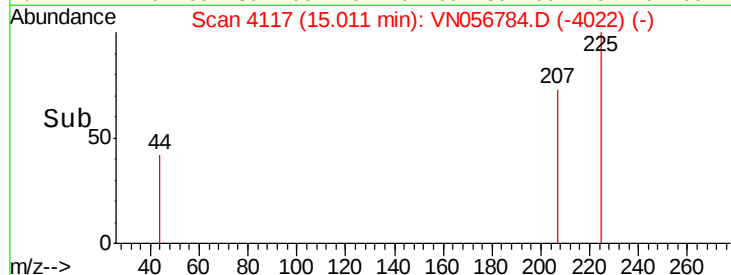
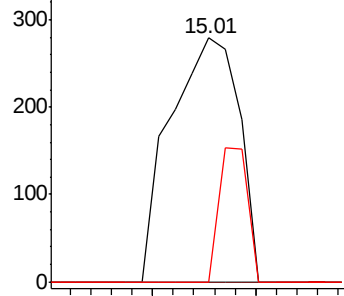
227 22.9 32.0 96.2#



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 5.123 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056784.D

Acq: 17 Jul 2019 9:32

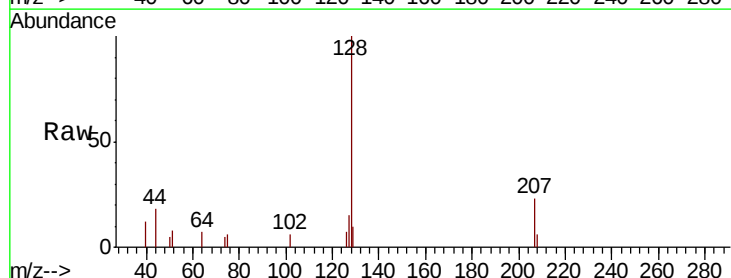
Tgt Ion:128 Resp: 5498

Ion Ratio Lower Upper

128 100

127 10.4 10.3 15.5

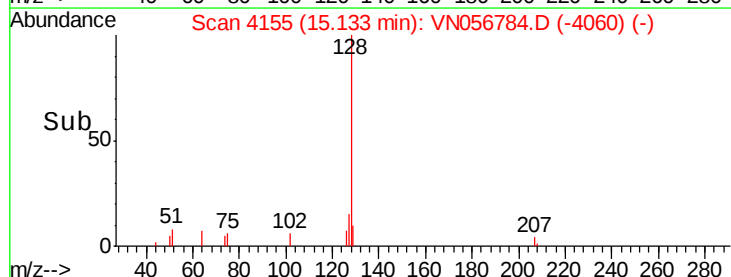
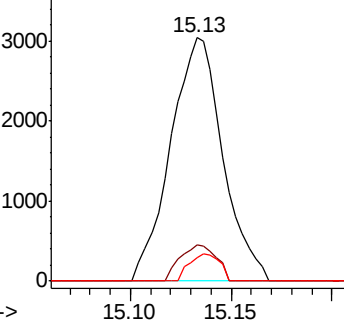
129 6.6 8.7 13.1#

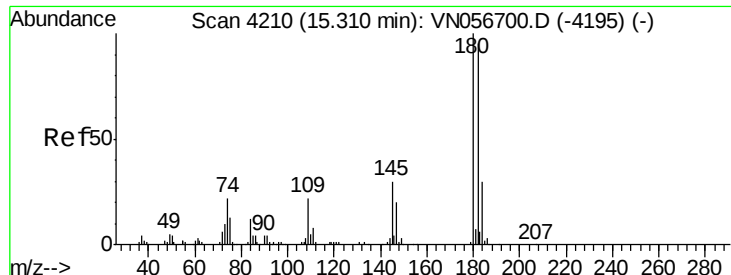


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 4.301 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.01 min
 Lab File: VN056784.D
 Acq: 17 Jul 2019 9:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0717MBL01

Tot Ion:180 Resp: 3174
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.1 141.3
 145 26.4 15.0 45.1

