

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070318\
 Data File : VN049699.D
 Acq On : 3 Jul 2018 17:39
 Operator : MD\SY
 Sample : PB110796ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 03 23:08:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:55:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1283129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2093224	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1748883	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	695670	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	888201	52.42	ug/l	0.00
Spiked Amount			Recovery	=	104.84%	
35) Dibromofluoromethane	7.59	113	734777	46.95	ug/l	0.00
Spiked Amount			Recovery	=	93.90%	
50) Toluene-d8	10.09	98	2803409	45.77	ug/l	0.00
Spiked Amount			Recovery	=	91.54%	
62) 4-Bromofluorobenzene	12.41	95	837194	40.03	ug/l	0.00
Spiked Amount			Recovery	=	80.06%	

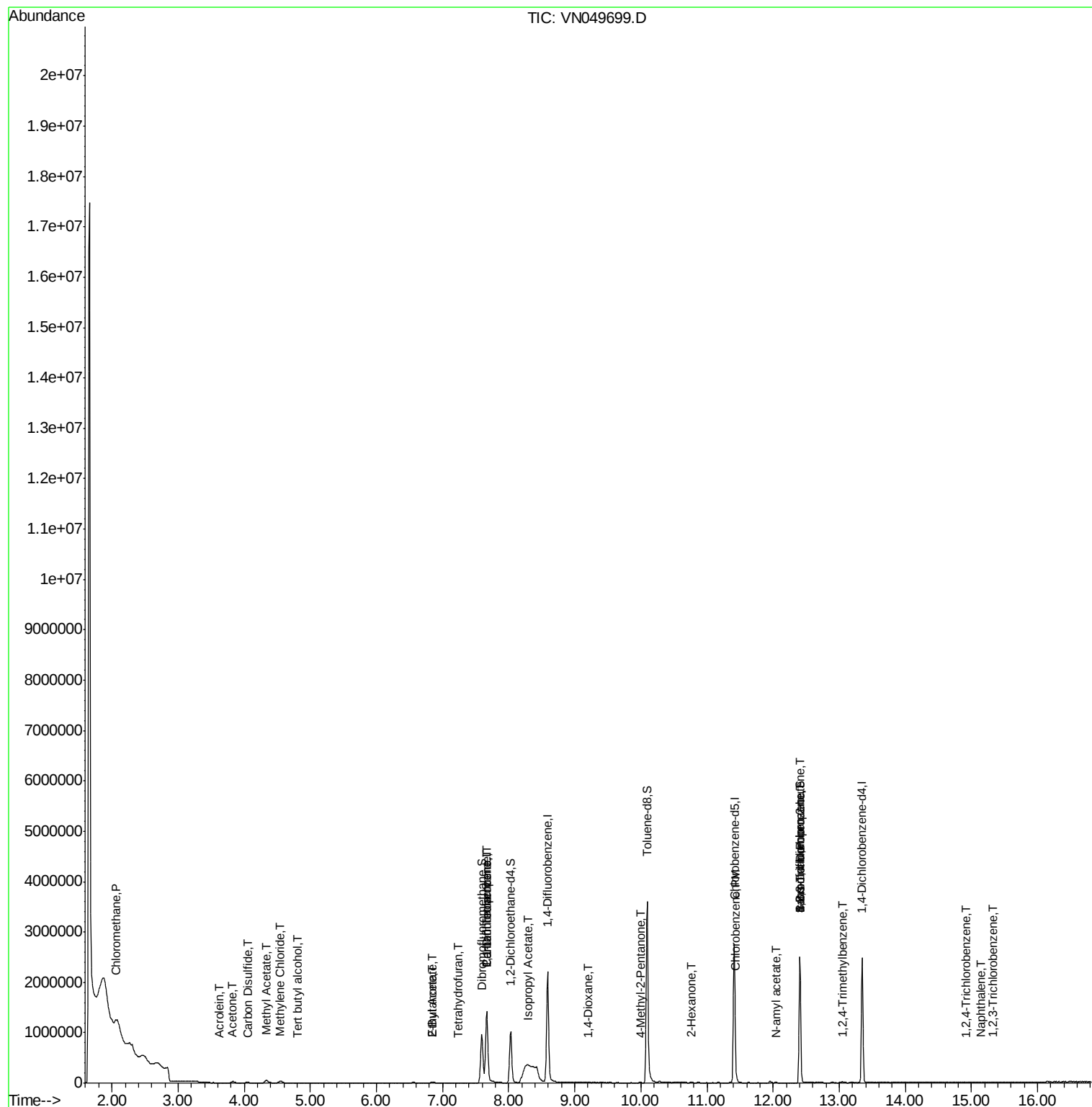
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	5316	0.29	ug/l	92
11) Tert butyl alcohol	4.80	59	1034	1.06	ug/l #	72
13) Acrolein	3.61	56	527	0.58	ug/l #	65
16) Acetone	3.82	43	46540	5.87	ug/l	93
17) Carbon Disulfide	4.05	76	26991	0.29	ug/l	99
18) Methyl Acetate	4.33	43	106744	1.87	ug/l	98
20) Methylene Chloride	4.55	84	28110	1.61	ug/l	95
25) 2-Butanone	6.85	43	24255	4.31	ug/l	98
29) Tetrahydrofuran	7.23	42	1544	0.43	ug/l #	85
36) 1,1-Dichloropropene	7.67	75	88786	3.77	ug/l #	49
37) Ethyl Acetate	6.85	43	24255	1.77	ug/l #	70
38) Carbon Tetrachloride	7.67	117	117248	5.12	ug/l #	16
43) Isopropyl Acetate	8.29	43	682206	24.72	ug/l #	62
49) 1,4-Dioxane	9.21	88	110	0.67	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	5317	0.39	ug/l	87
59) 2-Hexanone	10.76	43	7918	0.89	ug/l	96
65) Chlorobenzene	11.44	112	9936	0.22	ug/l	95
71) Bromoform	12.40	173	5218	0.48	ug/l #	1
74) N-amyl acetate	12.04	43	6572	0.43	ug/l #	48
75) 1,1,2,2-Tetrachloroethane	12.50	83	60	Below	Cal #	25
76) 1,2,3-Trichloropropane	12.41	75	408317	36.60	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	408317	124.30	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.04	105	11718	0.25	ug/l	82
87) 1,3-Dichlorobenzene	13.29	146	570	Below	Cal #	68
88) 1,4-Dichlorobenzene	13.36	146	1279	Below	Cal #	1
91) 1,2-Dichlorobenzene	13.66	146	409	Below	Cal	82
92) 1,2-Dibromo-3-Chloropropan	14.27	75	113	Below	Cal #	1
93) 1,2,4-Trichlorobenzene	14.91	180	291	2.43	ug/l #	60
95) Naphthalene	15.13	128	2199	4.11	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.32	180	318	1.67	ug/l #	27

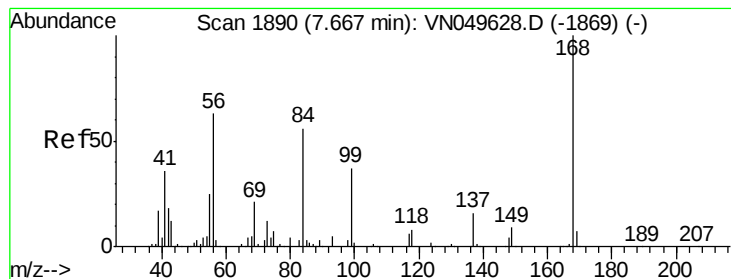
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN070318\
Data File : VN049699.D
Acq On : 3 Jul 2018 17:39
Operator : MD\SY
Sample : PB110796ZHE#02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jul 03 23:08:22 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:55:30 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049699.D

Acq: 3 Jul 2018 17:39

Instrument :

MSVOA_N

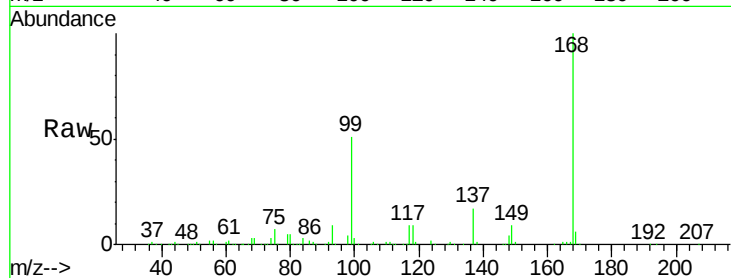
ClientSampleId :

Tot Ion:168 Resp: 1283129

Ion Ratio Lower Upper

168 100

99 51.1 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

500000

400000

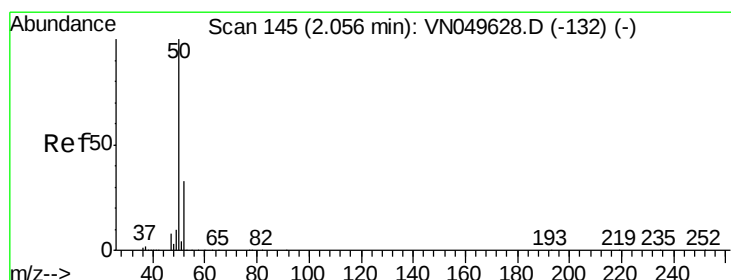
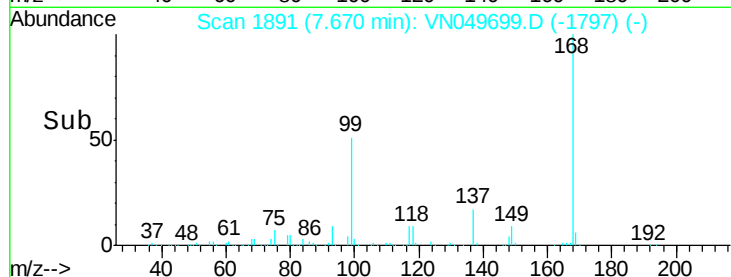
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.29 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN049699.D

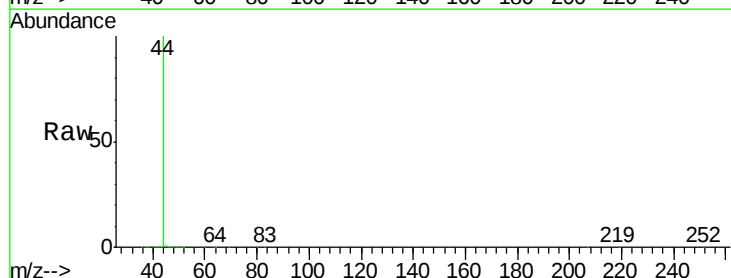
Acq: 3 Jul 2018 17:39

Tgt Ion: 50 Resp: 5316

Ion Ratio Lower Upper

50 100

52 36.8 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

4000

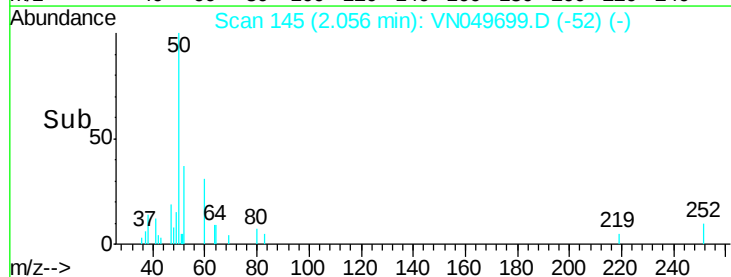
3000

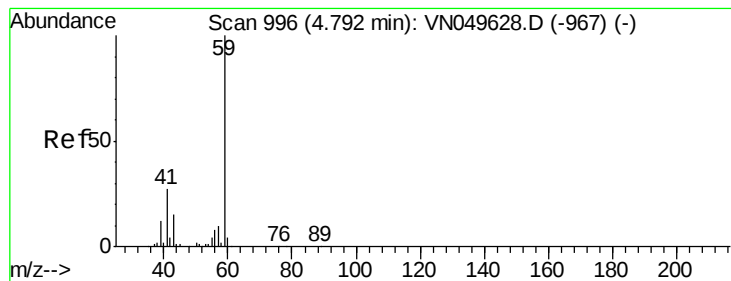
2000

1000

0

Time-->



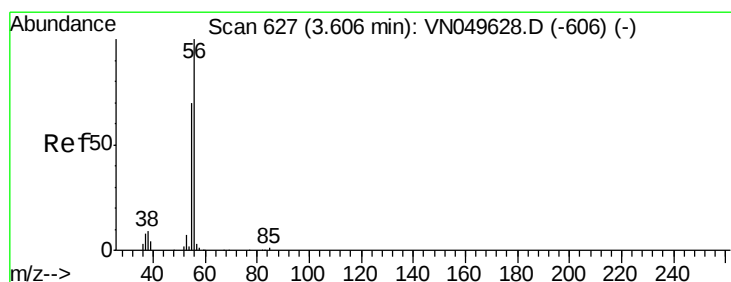
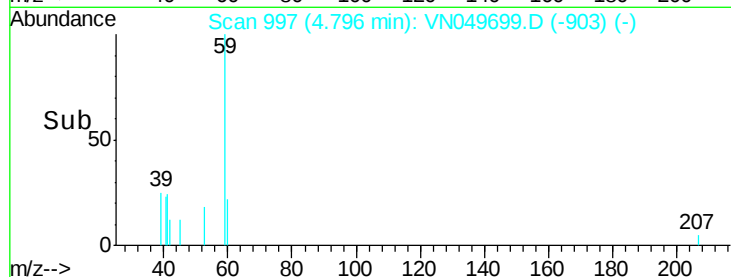
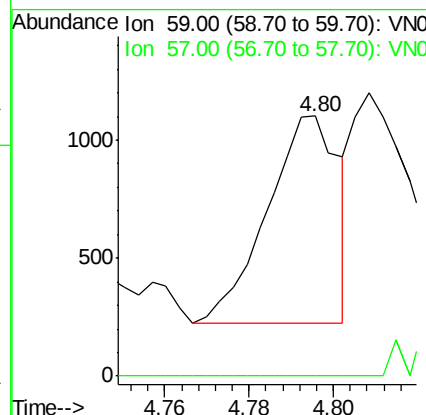
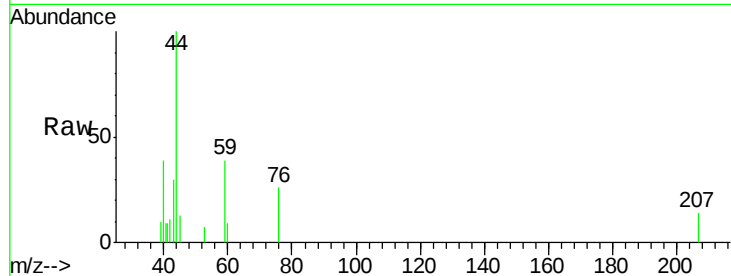


#11

Tert butyl alcohol
 Concen: 1.06 ug/l
 RT: 4.80 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: VN049699.D
 Acq: 3 Jul 2018 17:39

Instrument :
 MSVOA_N
 ClientSampled :

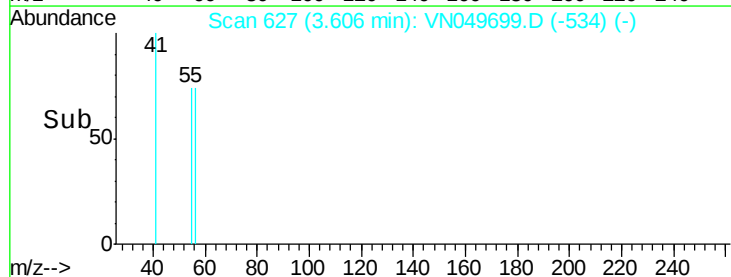
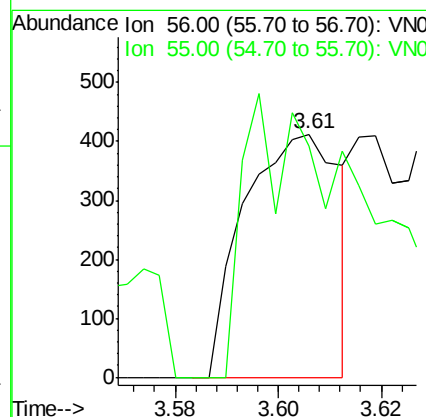
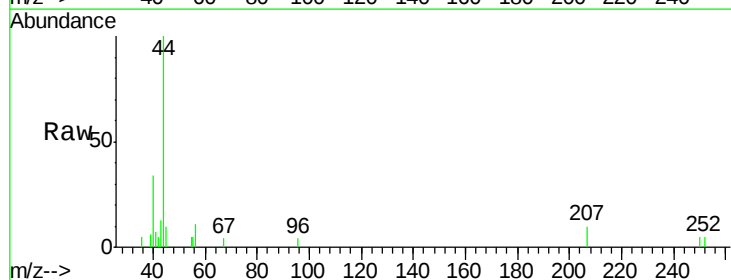
Tot Ion: 59 Resp: 1034
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

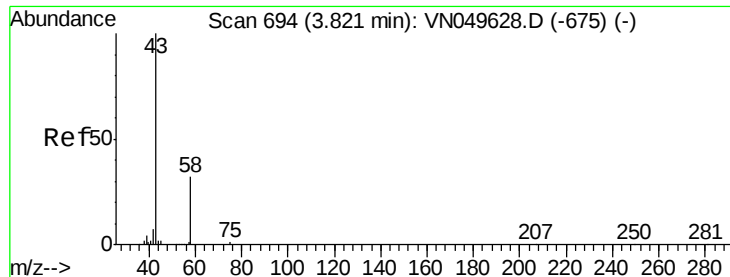


#13

Acrolein
 Concen: 0.58 ug/l
 RT: 3.61 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: VN049699.D
 Acq: 3 Jul 2018 17:39

Tgt Ion: 56 Resp: 527
 Ion Ratio Lower Upper
 56 100
 55 41.4 55.8 83.8#





#16

Acetone

Concen: 5.87 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049699.D

Acq: 3 Jul 2018 17:39

Instrument :

MSVOA_N

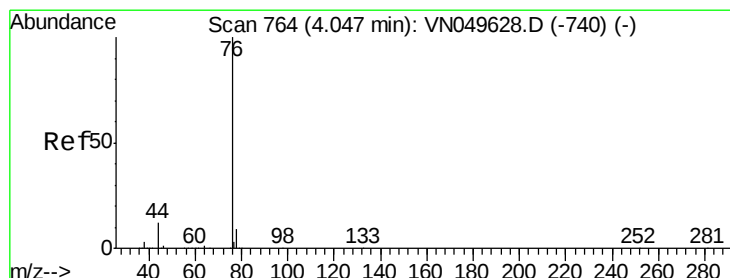
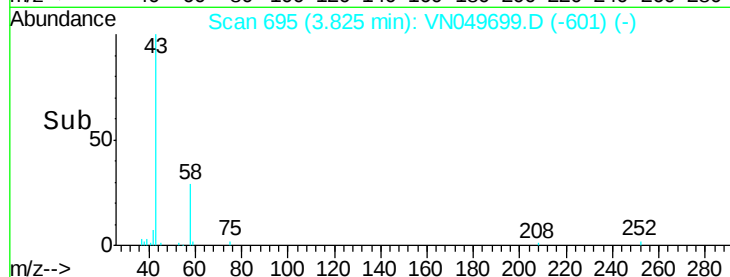
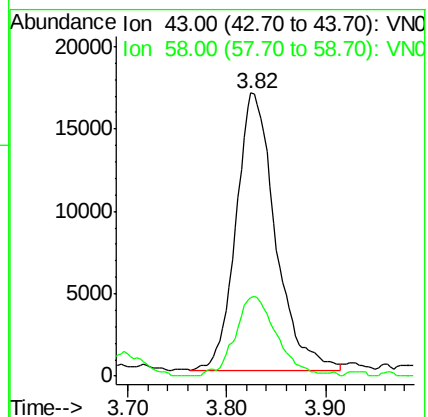
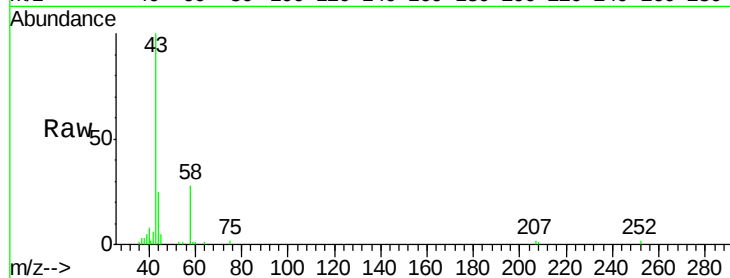
ClientSampleId :

Tot Ion: 43 Resp: 46540

Ion Ratio Lower Upper

43 100

58 28.3 25.9 38.9



#17

Carbon Disulfide

Concen: 0.29 ug/l

RT: 4.05 min Scan# 764

Delta R.T. 0.00 min

Lab File: VN049699.D

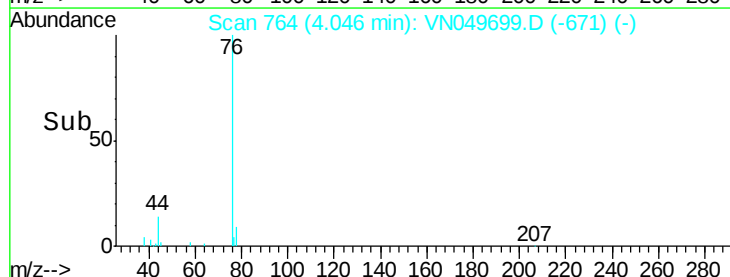
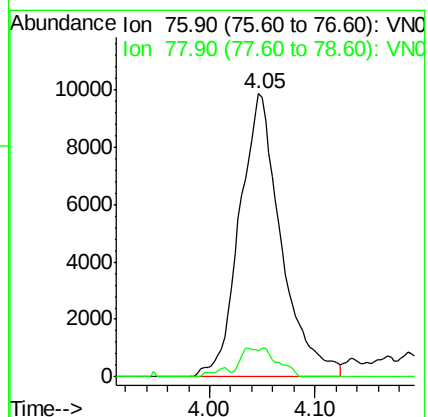
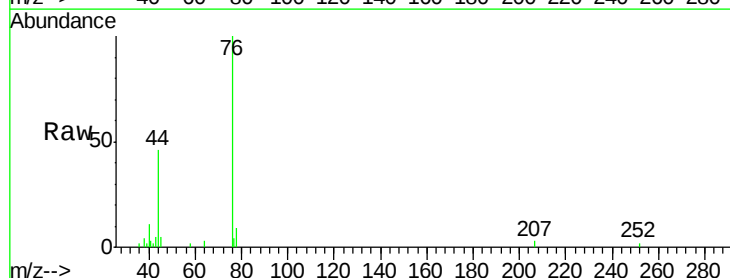
Acq: 3 Jul 2018 17:39

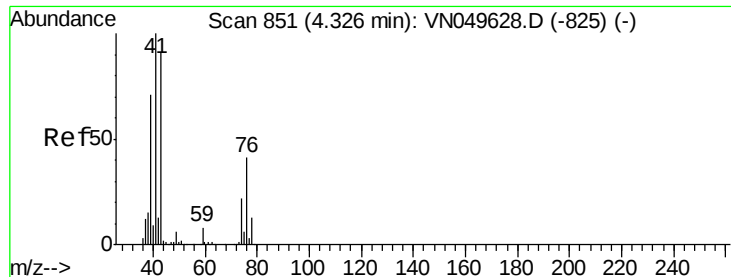
Tgt Ion: 76 Resp: 26991

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7

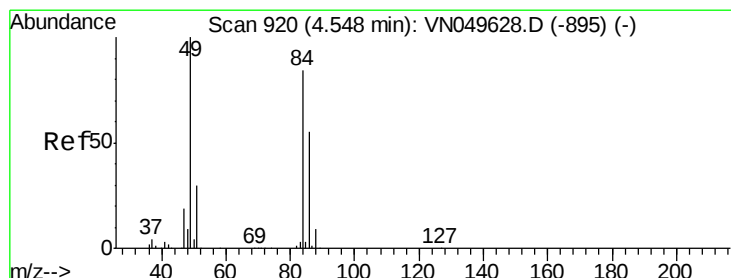
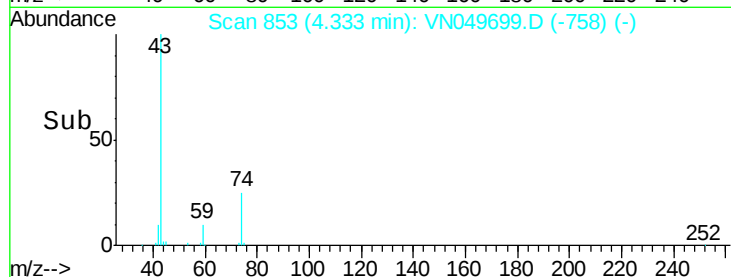
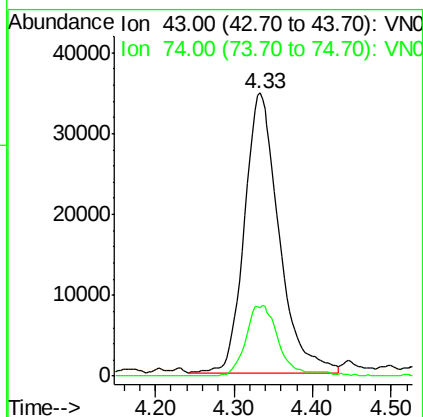
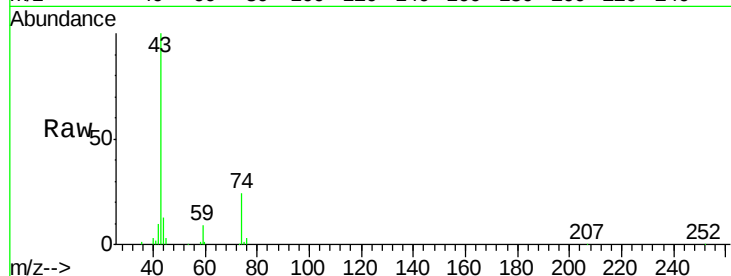




#18
Methvl Acetate
Concen: 1.87 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049699.D
Acq: 3 Jul 2018 17:39

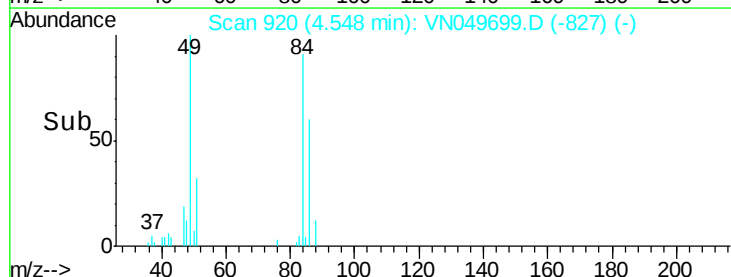
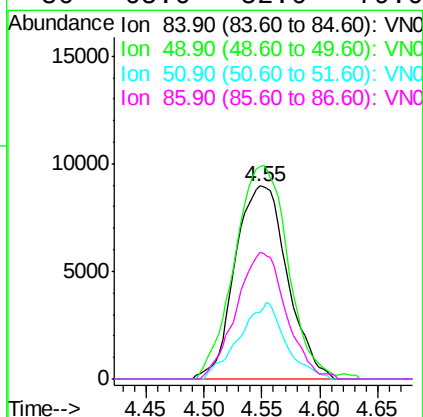
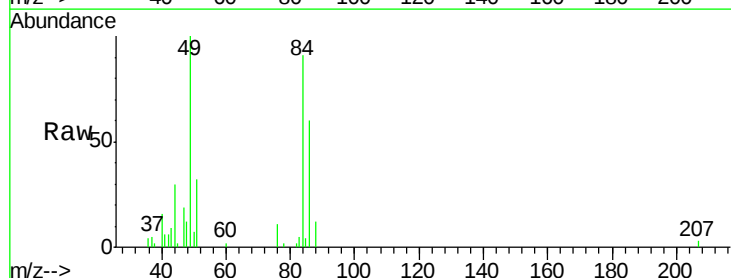
Instrument :
MSVOA_N
ClientSampled :

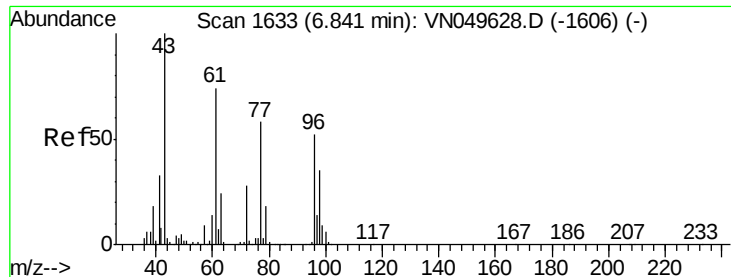
Tot Ion: 43 Resp: 106744
Ion Ratio Lower Upper
43 100
74 23.7 19.8 29.8



#20
Methylene Chloride
Concen: 1.61 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049699.D
Acq: 3 Jul 2018 17:39

Tgt Ion: 84 Resp: 28110
Ion Ratio Lower Upper
84 100
49 110.0 95.4 143.2
51 34.7 28.4 42.6
86 65.6 52.6 79.0





#25

2-Butanone

Concen: 4.31 ug/l

RT: 6.85 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VN049699.D

Acq: 3 Jul 2018 17:39

Instrument :

MSVOA_N

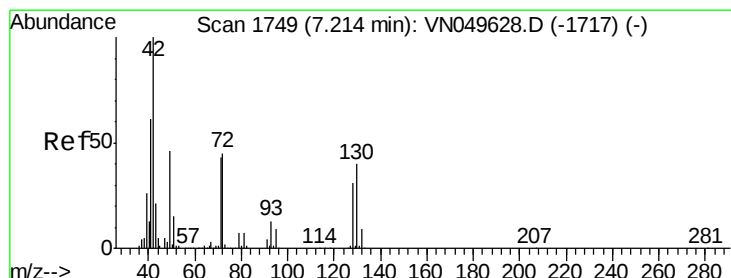
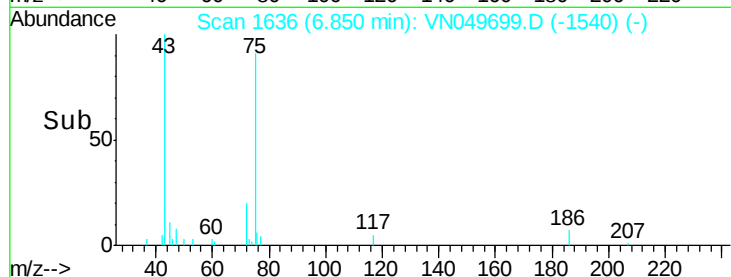
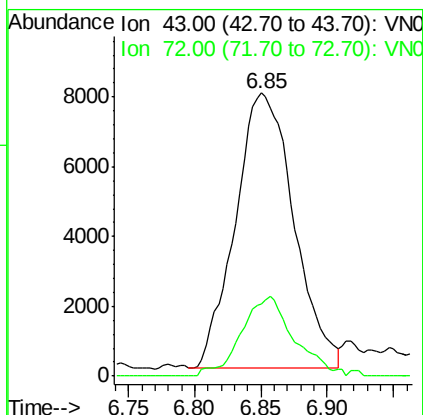
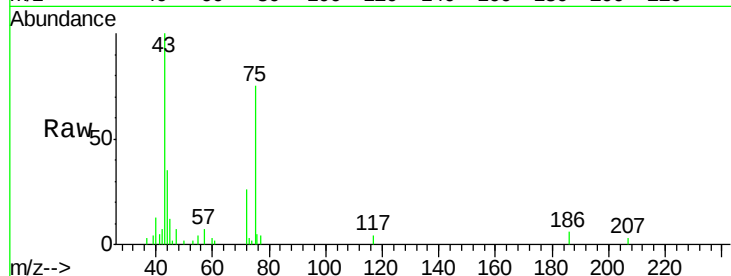
ClientSampleId :

Tot Ion: 43 Resp: 24255

Ion Ratio Lower Upper

43 100

72 26.5 22.1 33.1



#29

Tetrahydrofuran

Concen: 0.43 ug/l

RT: 7.23 min Scan# 1755

Delta R.T. 0.02 min

Lab File: VN049699.D

Acq: 3 Jul 2018 17:39

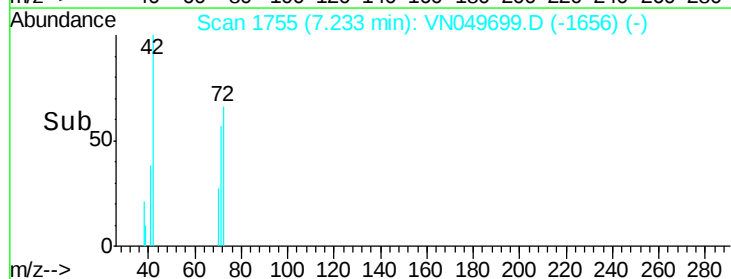
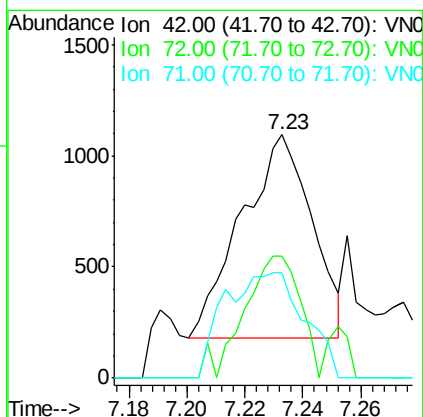
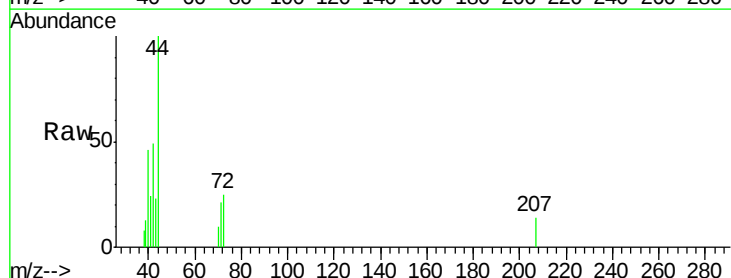
Tgt Ion: 42 Resp: 1544

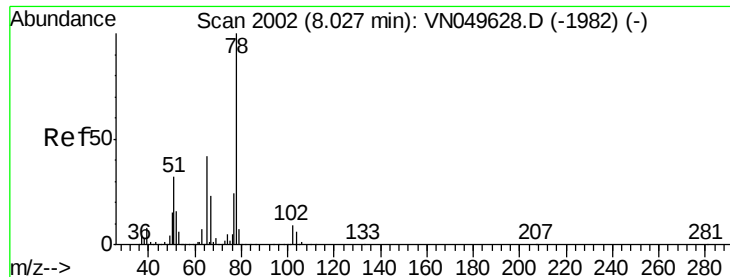
Ion Ratio Lower Upper

42 100

72 47.8 35.6 53.4

71 58.6 34.0 51.0#

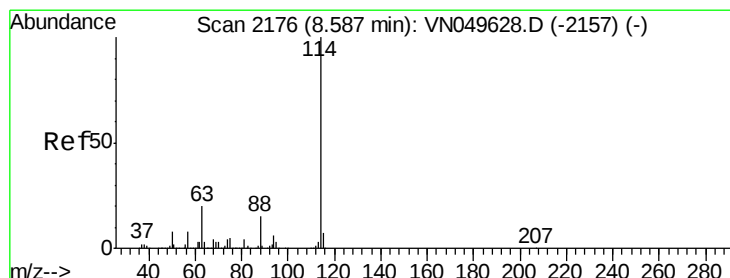
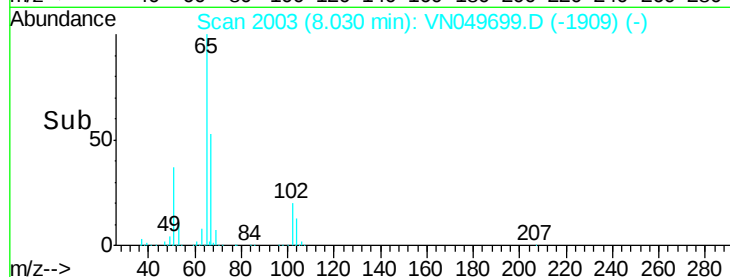
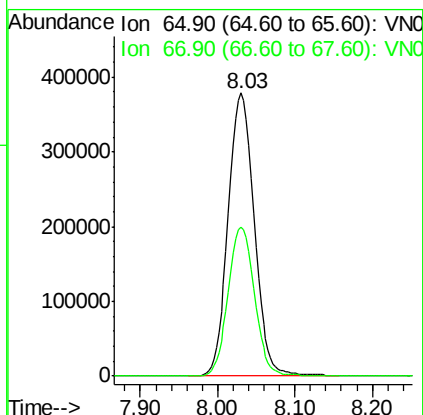
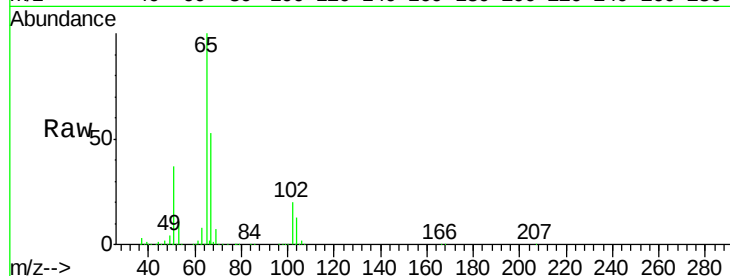




#33
 1,2-Dichloroethane-d4
 Concen: 52.42 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049699.D
 Acq: 3 Jul 2018 17:39

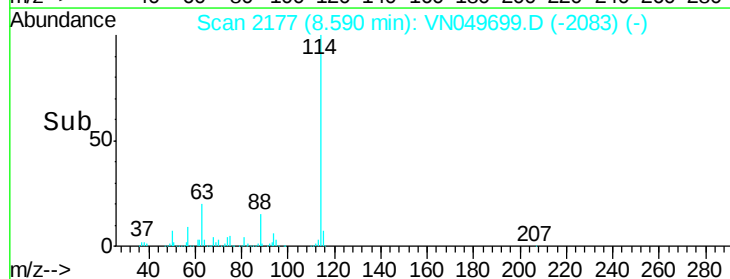
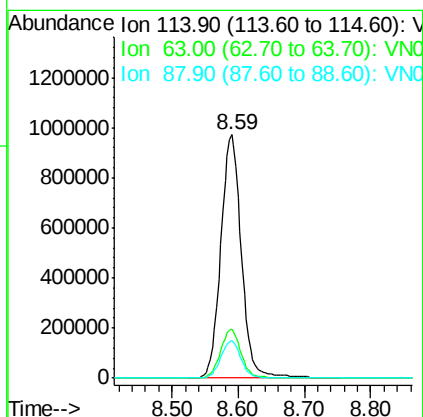
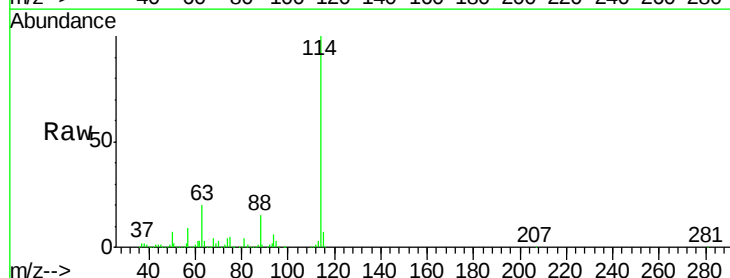
Instrument :
 MSVOA_N
 ClientSampleId :

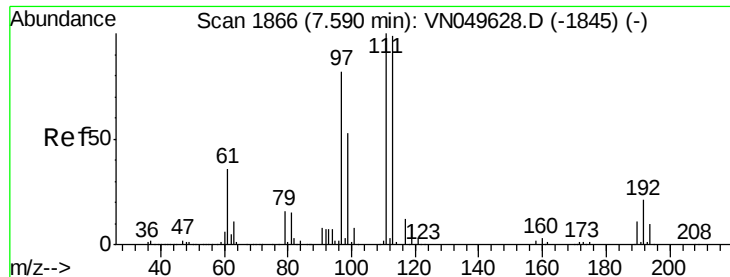
Tot Ion: 65 Resp: 888201
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049699.D
 Acq: 3 Jul 2018 17:39

Tgt Ion: 114 Resp: 2093224
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 15.2 0.0 30.6

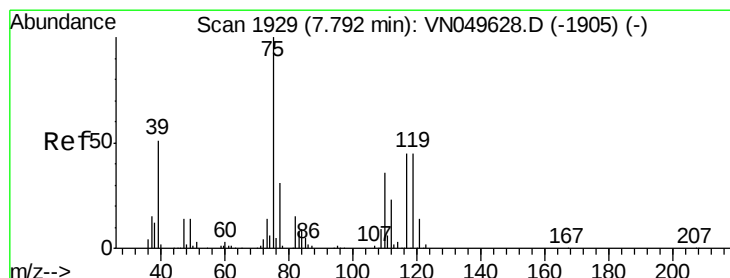
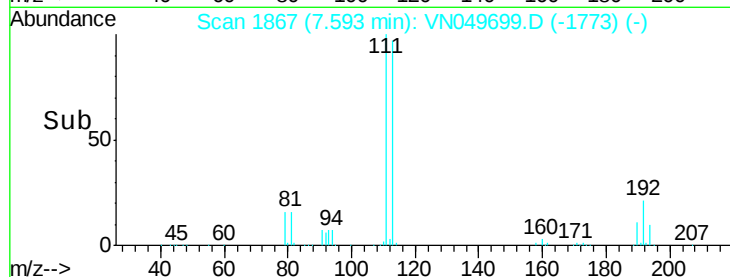
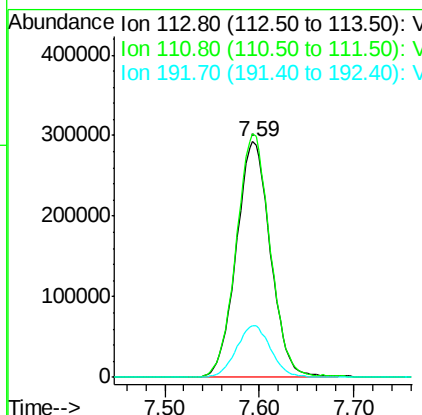
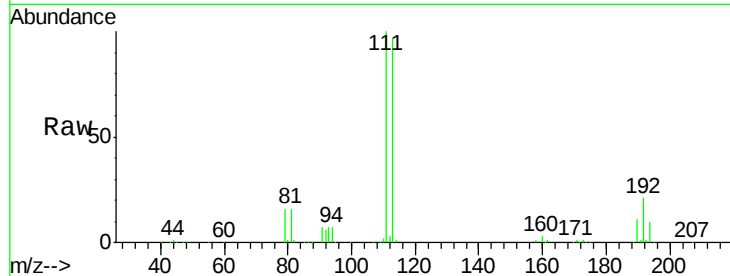




#35
 Dibromofluoromethane
 Concen: 46.95 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049699.D
 Acq: 3 Jul 2018 17:39

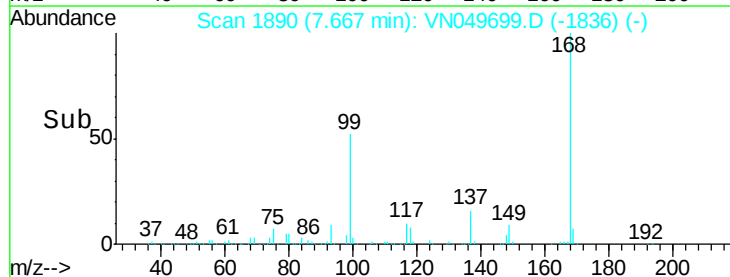
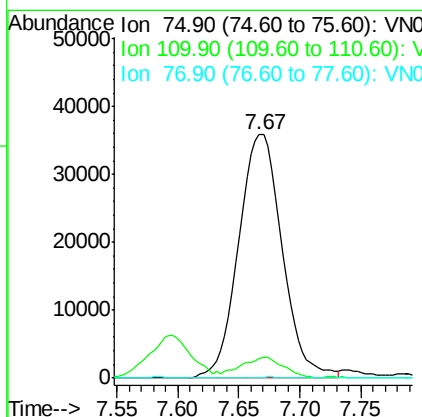
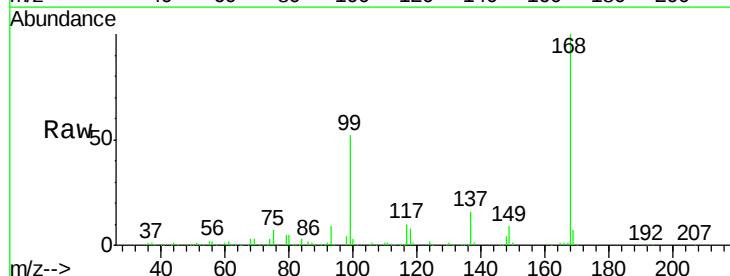
Instrument :
 MSVOA_N
 ClientSampleId :

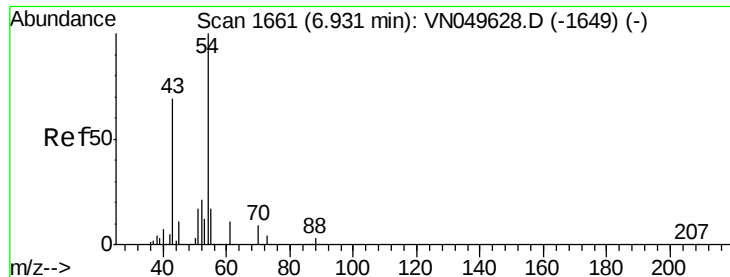
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.8
192	22.2	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 3.77 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049699.D
 Acq: 3 Jul 2018 17:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.1	54.4#
77	0.1	24.9	37.3#





#37

Ethyl Acetate

Concen: 1.77 ug/l

RT: 6.85 min Scan# 1636

Delta R.T. -0.08 min

Lab File: VN049699.D

Acq: 3 Jul 2018 17:39

Instrument :
MSVOA_N
ClientSampled :

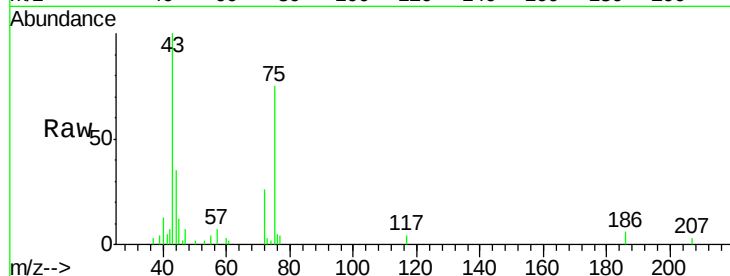
Tot Ion: 43 Resp: 24255

Ion Ratio Lower Upper

43 100

61 1.4 11.7 17.5#

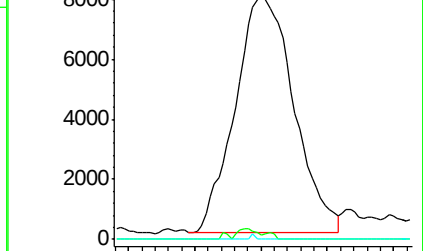
70 0.1 8.4 12.6#



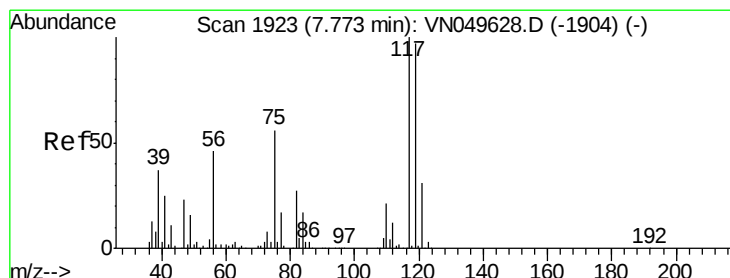
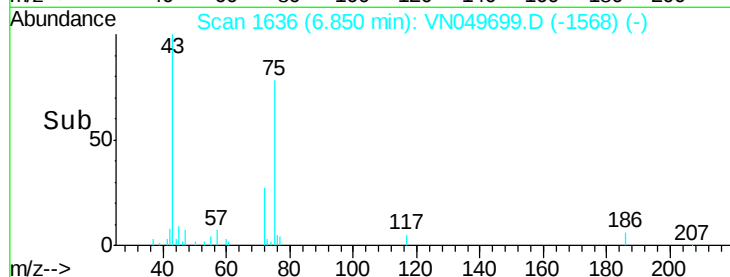
Abundance Ion 43.00 (42.70 to 43.70): VN049699.D (-1568) (-)

Ion 60.90 (60.60 to 61.60): VN049699.D (-1568) (-)

Ion 70.00 (69.70 to 70.70): VN049699.D (-1568) (-)



Time--> 6.75 6.80 6.85 6.90



#38

Carbon Tetrachloride

Concen: 5.12 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN049699.D

Acq: 3 Jul 2018 17:39

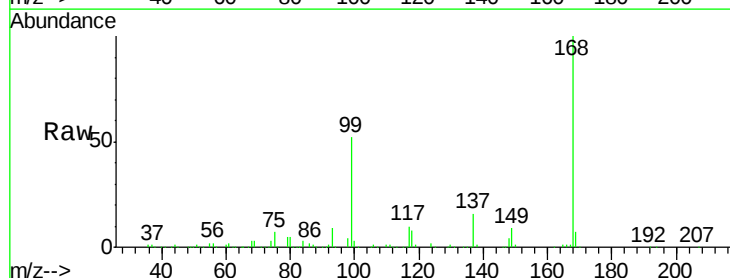
Tgt Ion: 117 Resp: 117248

Ion Ratio Lower Upper

117 100

119 5.9 77.2 115.8#

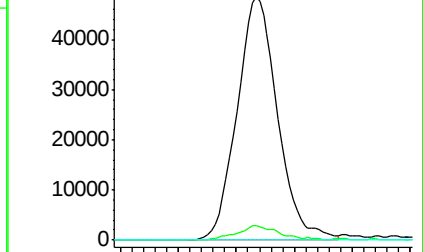
121 0.0 25.0 37.6#



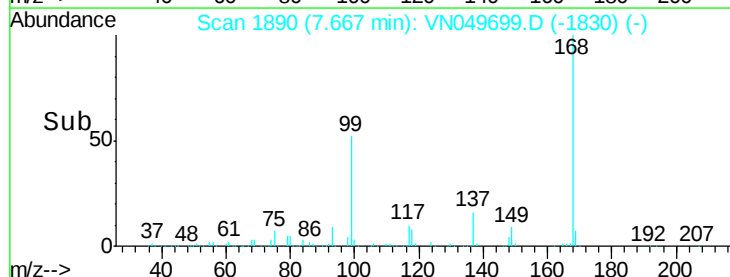
Abundance Ion 116.80 (116.50 to 117.50): VN049699.D (-1830) (-)

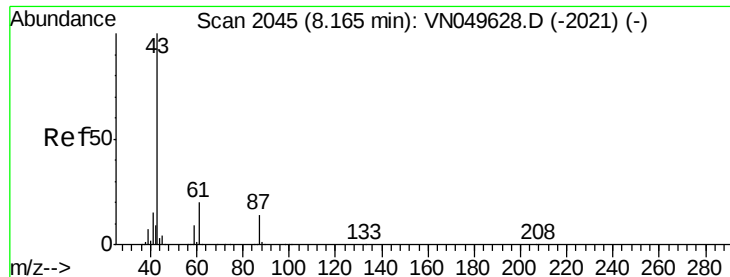
Ion 118.80 (118.50 to 119.50): VN049699.D (-1830) (-)

Ion 120.80 (120.50 to 121.50): VN049699.D (-1830) (-)



Time--> 7.55 7.60 7.65 7.70 7.75





#43

Isopropyl Acetate

Concen: 24.72 ug/l

RT: 8.29 min Scan# 2084

Delta R.T. 0.13 min

Lab File: VN049699.D

Acq: 3 Jul 2018 17:39

Instrument :

MSVOA_N

ClientSampleId :

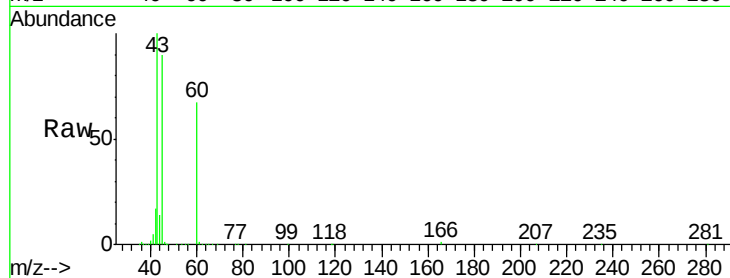
Tot Ion: 43 Resp: 682206

Ion Ratio Lower Upper

43 100

61 0.0 14.9 22.3#

87 0.0 10.0 15.0#

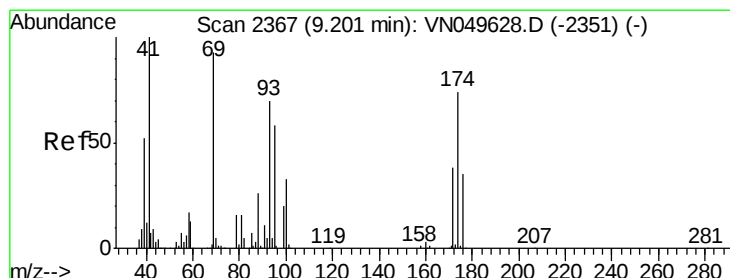
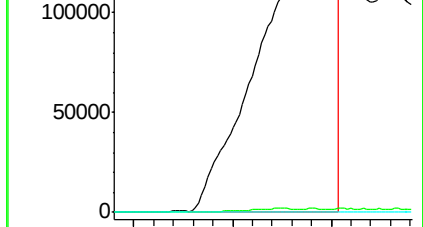
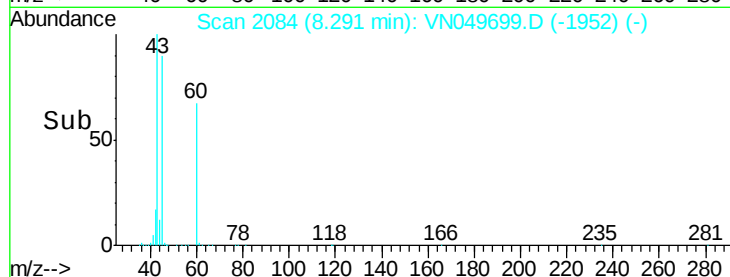


Abundance Ion 43.00 (42.70 to 43.70): VN049699.D (-2274) (-)

Ion 61.00 (60.70 to 61.70): VN049699.D (-2274) (-)

Ion 87.00 (86.70 to 87.70): VN049699.D (-2274) (-)

Time-->



#49

1,4-Dioxane

Concen: 0.67 ug/l

RT: 9.21 min Scan# 2371

Delta R.T. 0.01 min

Lab File: VN049699.D

Acq: 3 Jul 2018 17:39

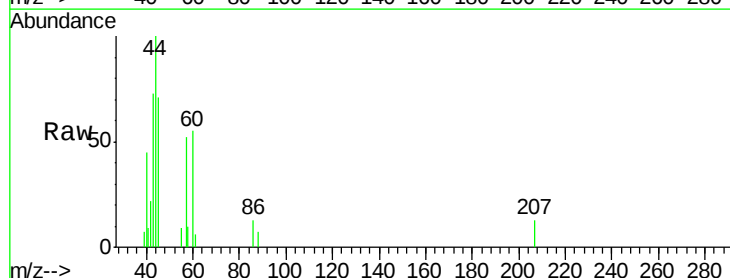
Tgt Ion: 88 Resp: 110

Ion Ratio Lower Upper

88 100

43 633.6 25.1 37.7#

58 0.0 52.5 78.7#

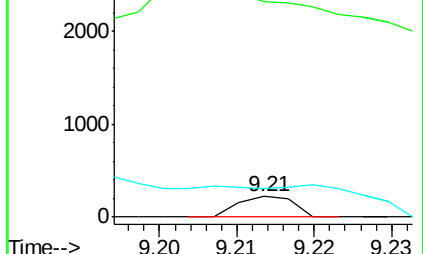
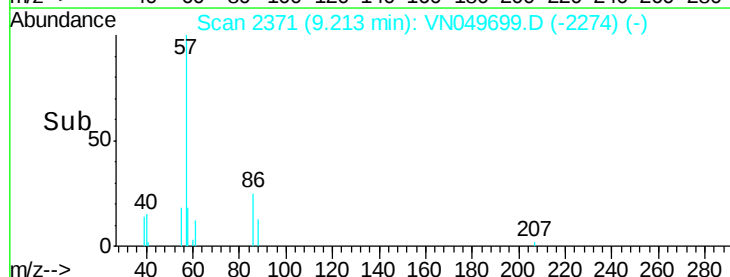


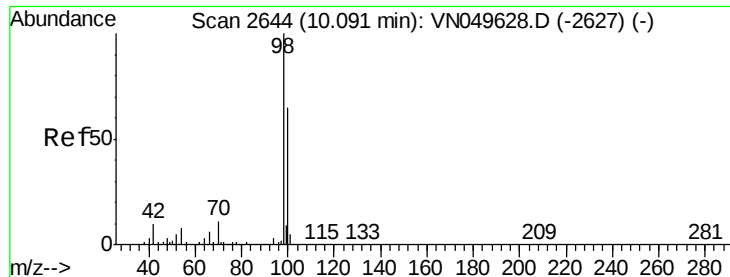
Abundance Ion 88.00 (87.70 to 88.70): VN049699.D (-2274) (-)

Ion 43.00 (42.70 to 43.70): VN049699.D (-2274) (-)

Ion 58.00 (57.70 to 58.70): VN049699.D (-2274) (-)

Time-->

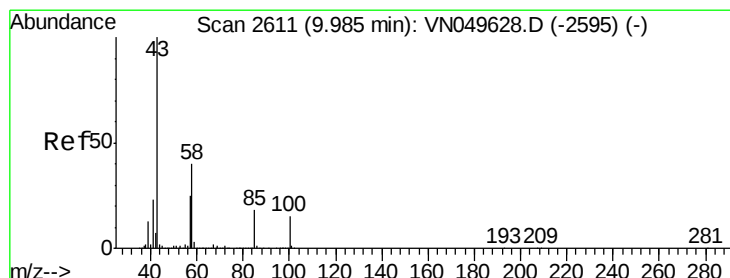
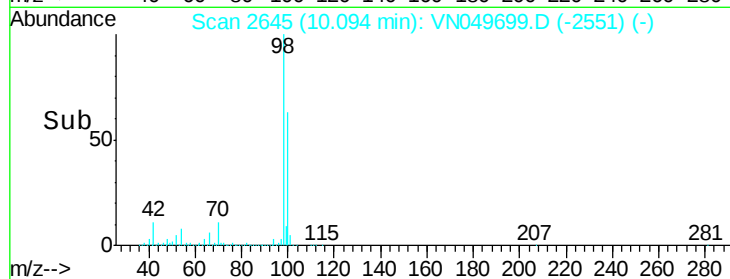
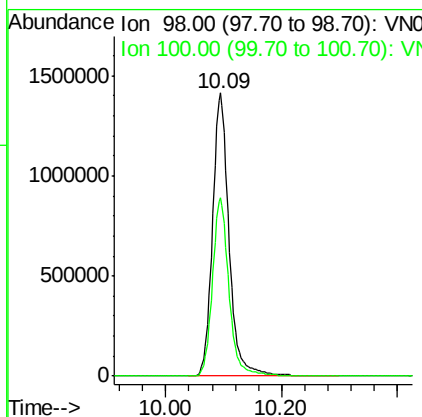
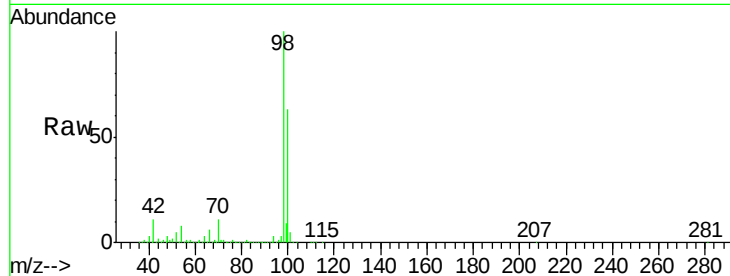




#50
Toluene-d8
Concen: 45.77 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049699.D
Acq: 3 Jul 2018 17:39

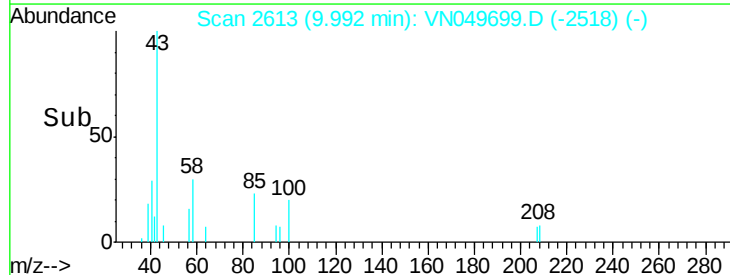
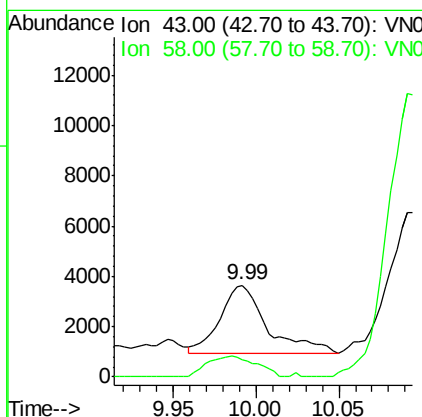
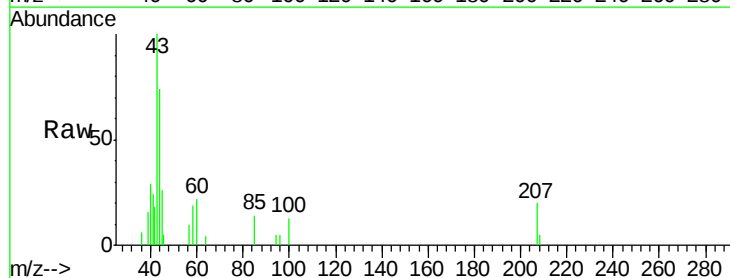
Instrument :
MSVOA_N
ClientSampleId :

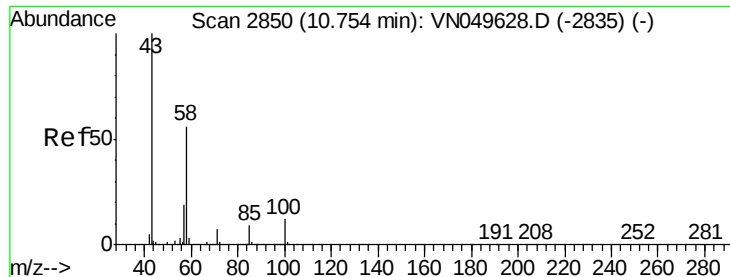
Tot Ion: 98 Resp: 2803409
Ion Ratio Lower Upper
98 100
100 63.0 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.39 ug/l
RT: 9.99 min Scan# 2613
Delta R.T. 0.01 min
Lab File: VN049699.D
Acq: 3 Jul 2018 17:39

Tgt Ion: 43 Resp: 5317
Ion Ratio Lower Upper
43 100
58 31.9 31.8 47.8





#59

2-Hexanone

Concen: 0.89 ug/l

RT: 10.76 min Scan# 2852

Delta R.T. 0.01 min

Lab File: VN049699.D

Acq: 3 Jul 2018 17:39

Instrument :

MSVOA_N

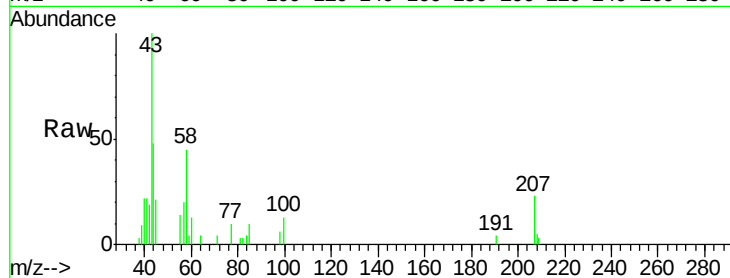
ClientSampled :

Tot Ion: 43 Resp: 7918

Ion Ratio Lower Upper

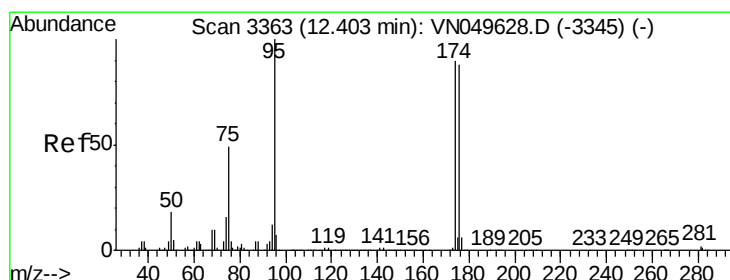
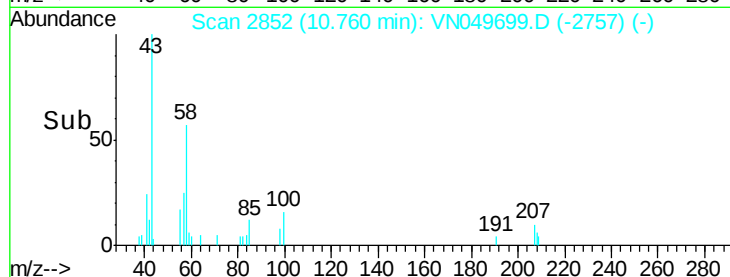
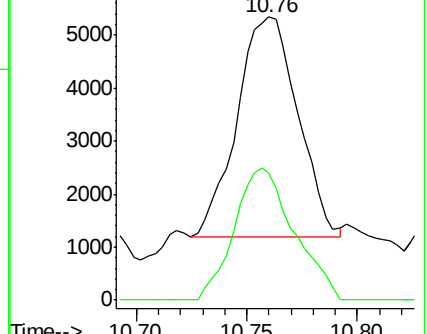
43 100

58 58.7 27.8 83.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#62

4-Bromofluorobenzene

Concen: 40.03 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049699.D

Acq: 3 Jul 2018 17:39

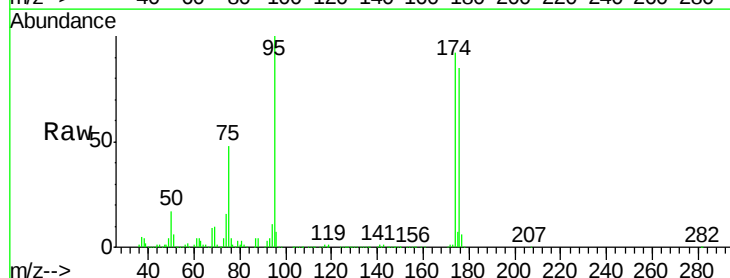
Tgt Ion: 95 Resp: 837194

Ion Ratio Lower Upper

95 100

174 90.7 0.0 179.6

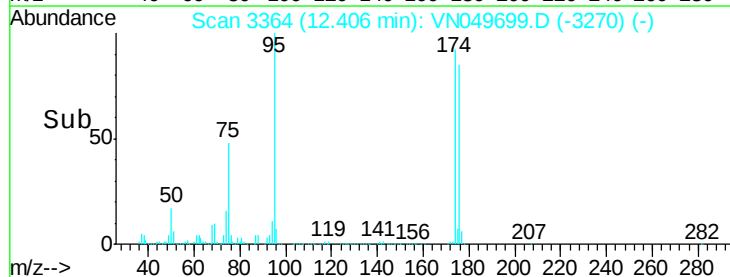
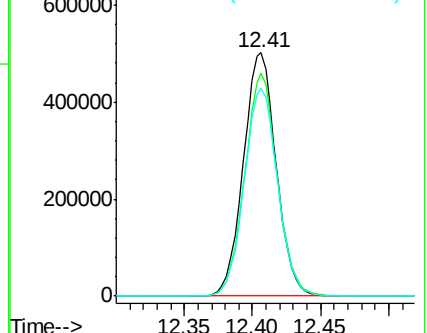
176 86.7 0.0 174.0

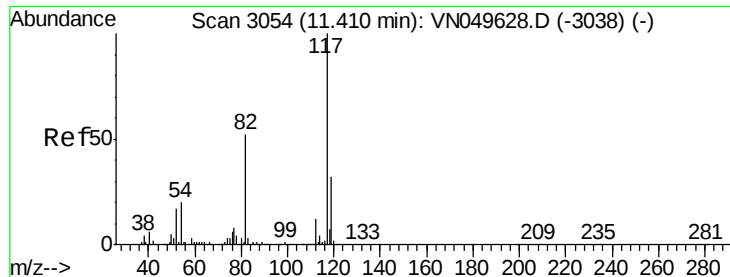


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

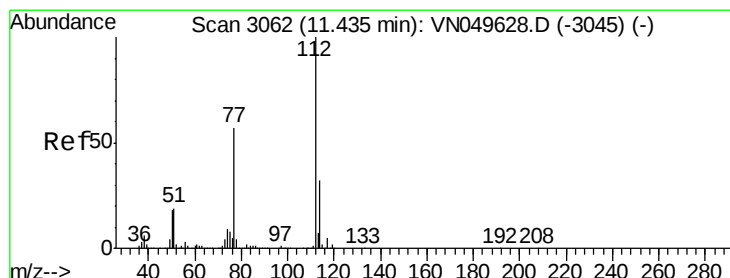
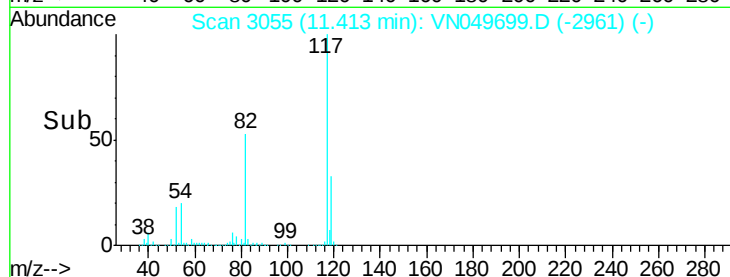
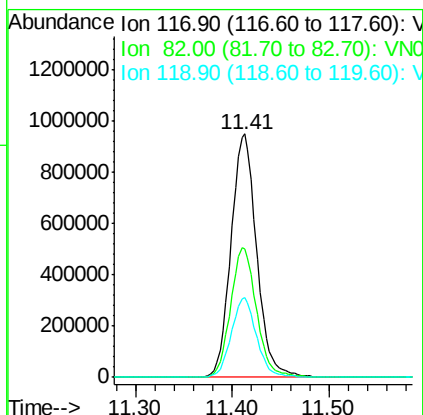
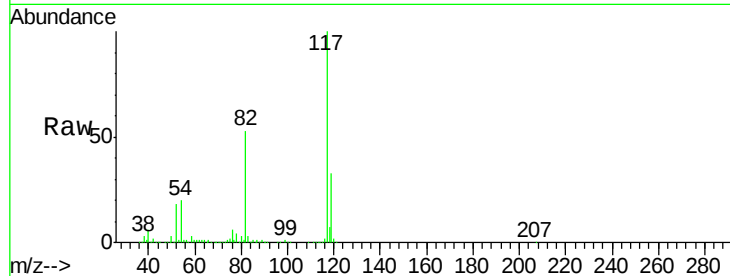




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN049699.D
Acq: 3 Jul 2018 17:39

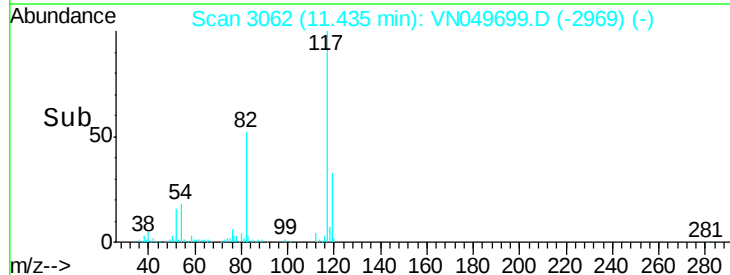
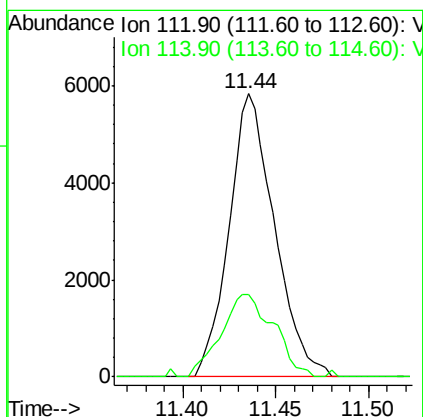
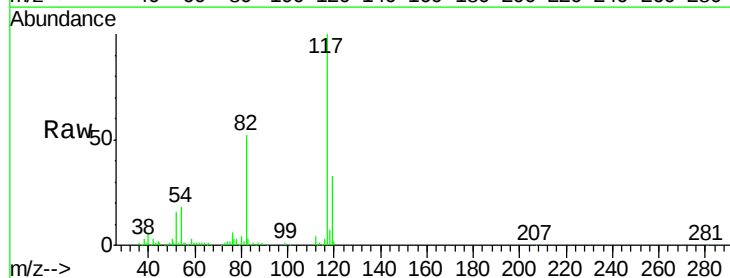
Instrument :
MSVOA_N
ClientSampled :

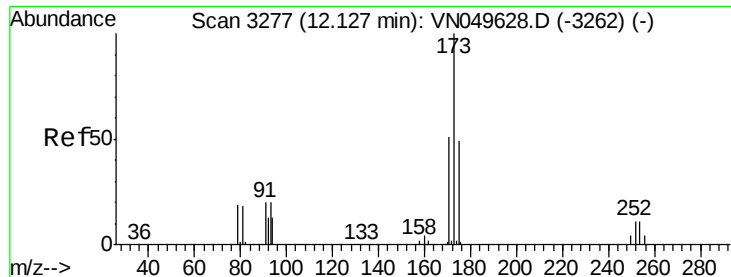
Tot Ion:117 Resp: 1748883
Ion Ratio Lower Upper
117 100
82 52.9 41.9 62.9
119 32.9 25.4 38.2



#65
Chlorobenzene
Concen: 0.22 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN049699.D
Acq: 3 Jul 2018 17:39

Tgt Ion:112 Resp: 9936
Ion Ratio Lower Upper
112 100
114 29.1 25.4 38.0





#71

Bromoform

Concen: 0.48 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.28 min

Lab File: VN049699.D

Acq: 3 Jul 2018 17:39

Instrument :

MSVOA_N

ClientSampleId :

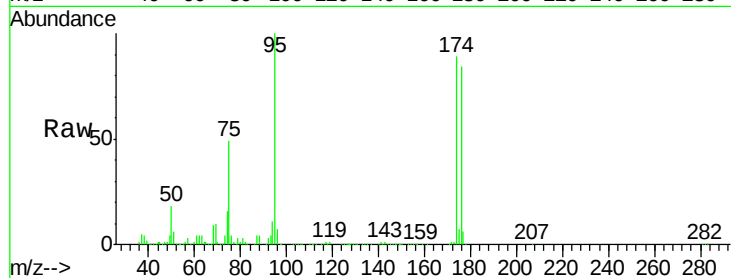
Tot Ion:173 Resp: 5218

Ion Ratio Lower Upper

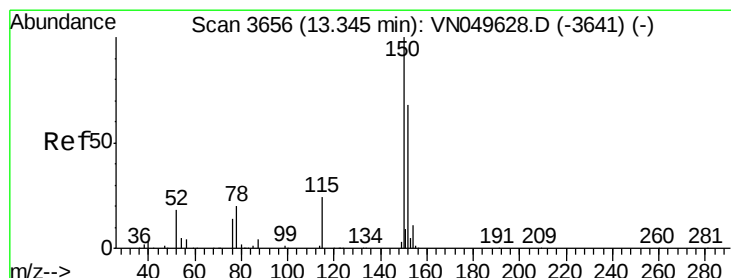
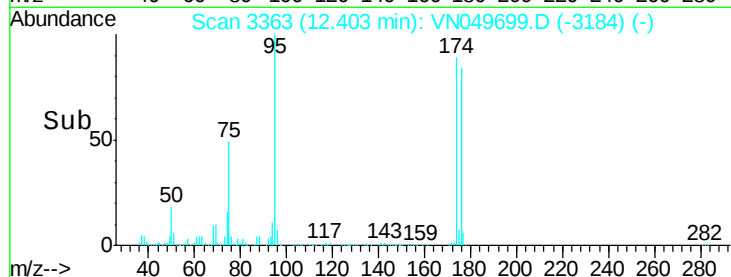
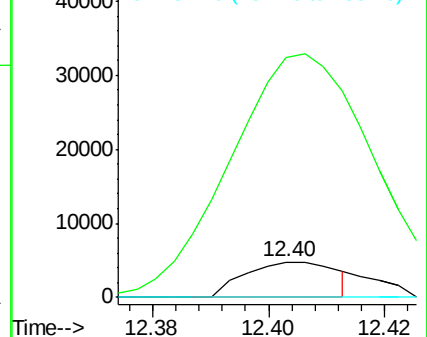
173 100

175 838.2 24.6 73.8#

254 0.0 0.2 0.2#



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: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049699.D

Acq: 3 Jul 2018 17:39

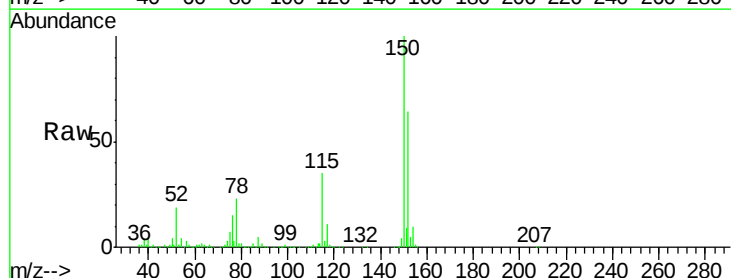
Tgt Ion:152 Resp: 695670

Ion Ratio Lower Upper

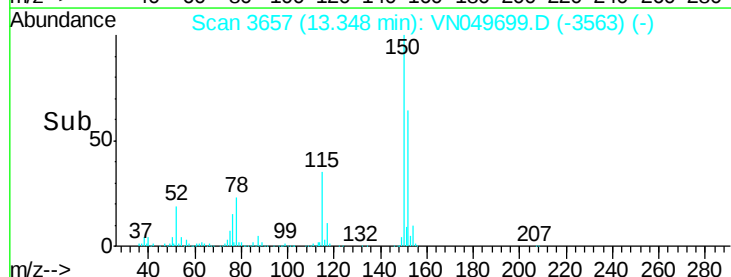
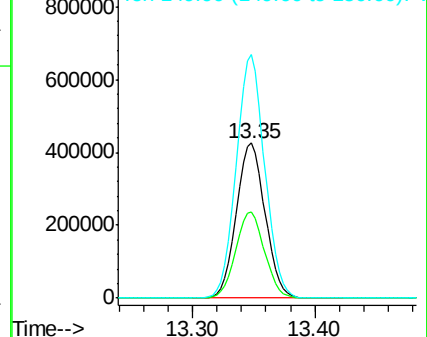
152 100

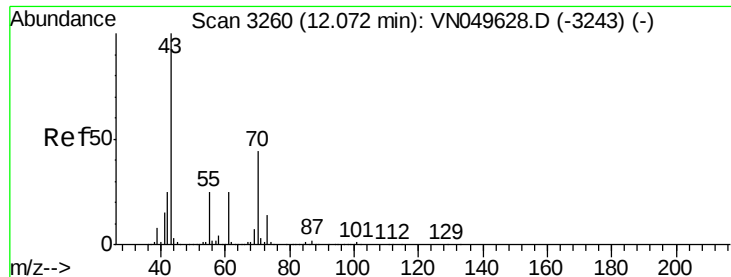
115 55.6 28.1 84.2

150 155.8 0.0 347.6



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: 0.43 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. -0.03 min

Lab File: VN049699.D

Acq: 3 Jul 2018 17:39

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 43 Resp: 6572

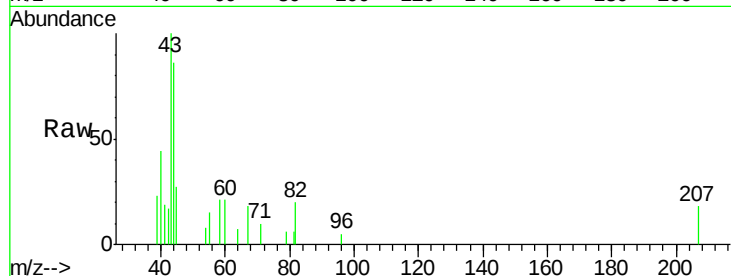
Ion Ratio Lower Upper

43 100

70 1.0 34.8 52.2#

55 10.7 20.9 31.3#

61 0.0 19.9 29.9#

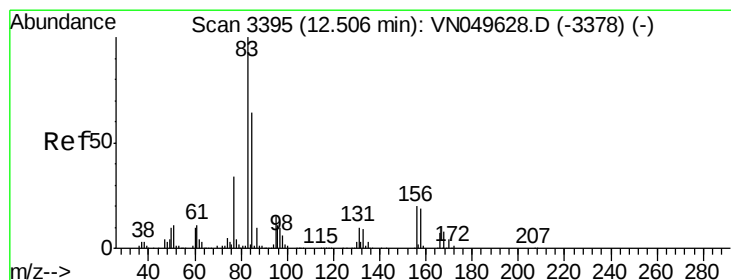
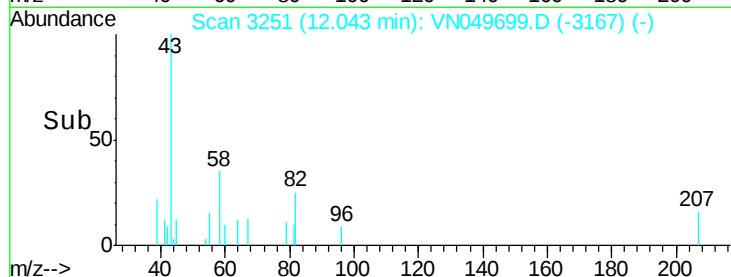
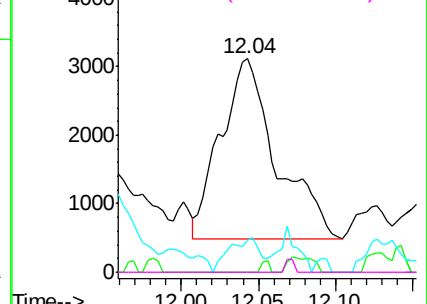


Abundance Ion 43.00 (42.70 to 43.70): VN0

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# 3394

Delta R.T. -0.00 min

Lab File: VN049699.D

Acq: 3 Jul 2018 17:39

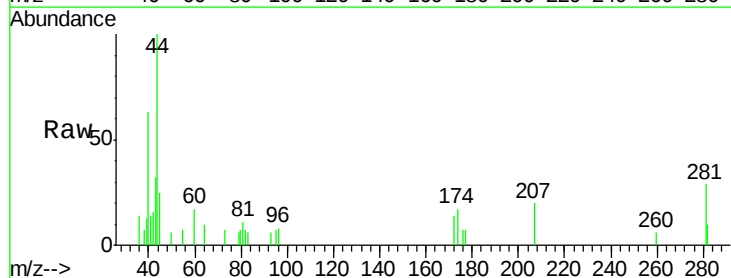
Tgt Ion: 83 Resp: 60

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

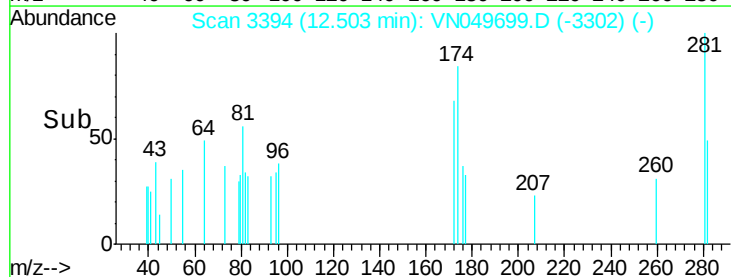
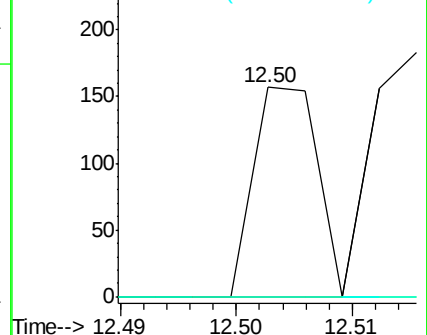
85 0.0 32.5 97.4#

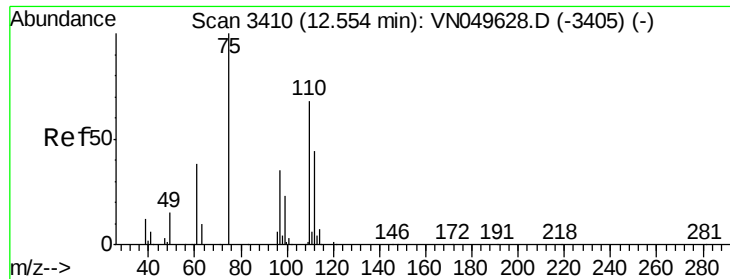


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

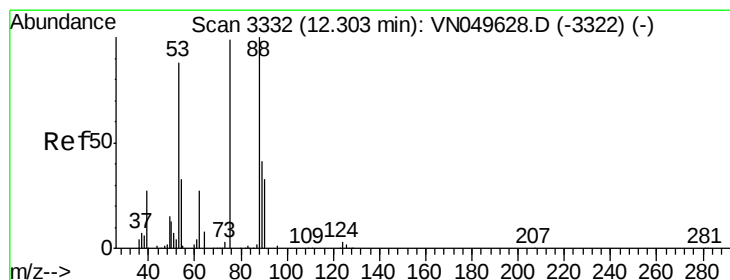
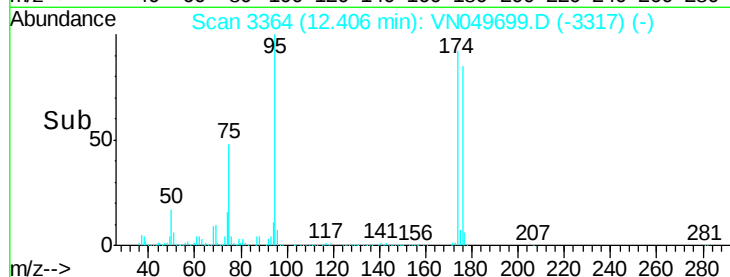
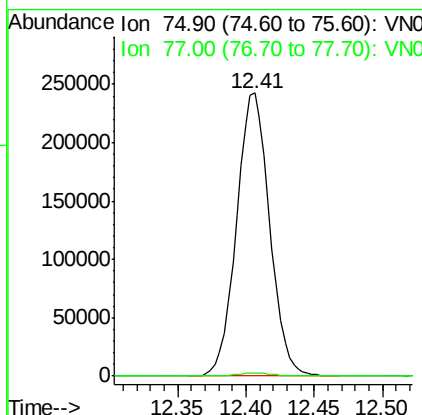
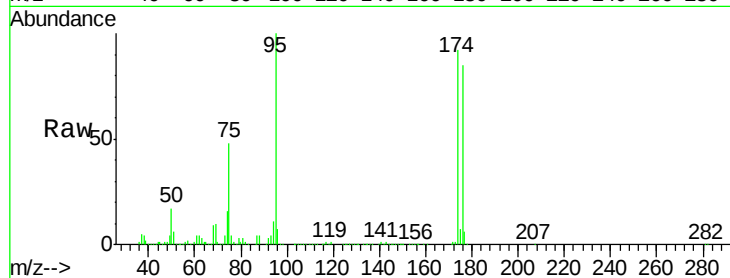




#76
 1,2,3-Trichloropropane
 Concen: 36.60 ug/l
 RT: 12.41 min Scan# 3364
 Delta R.T. -0.15 min
 Lab File: VN049699.D
 Acq: 3 Jul 2018 17:39

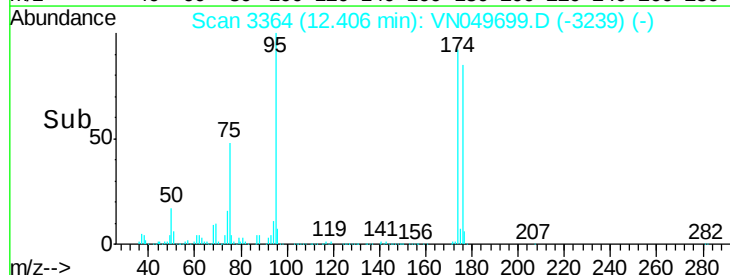
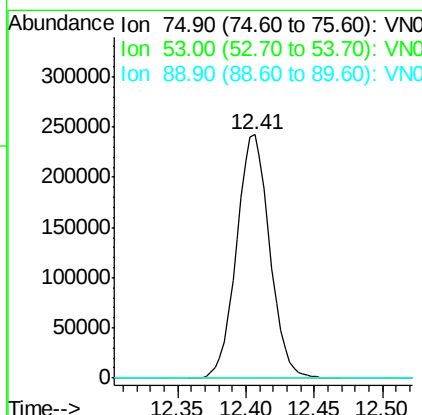
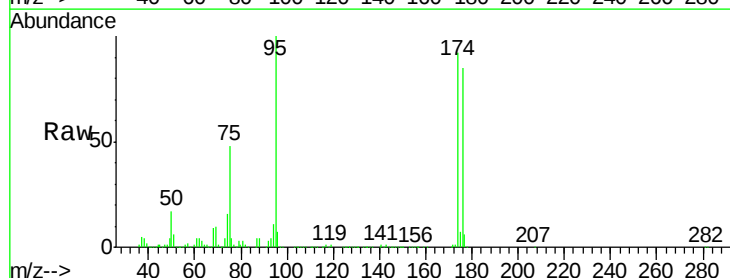
Instrument :
 MSVOA_N
 ClientSampled :

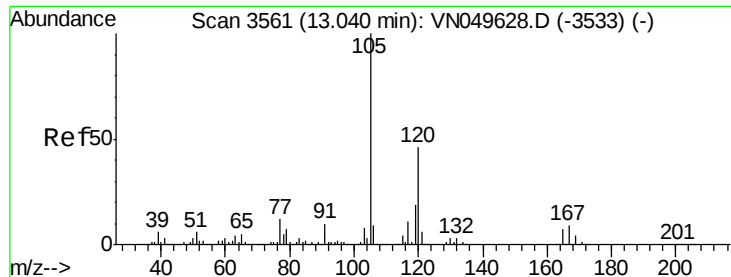
Tot Ion: 75 Resp: 408317
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 124.30 ug/l
 RT: 12.41 min Scan# 3364
 Delta R.T. 0.10 min
 Lab File: VN049699.D
 Acq: 3 Jul 2018 17:39

Tgt Ion: 75 Resp: 408317
 Ion Ratio Lower Upper
 75 100
 53 0.2 73.9 110.9#
 89 0.0 35.9 53.9#





#84

1,2,4-Trimethylbenzene

Concen: 0.25 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049699.D

Acq: 3 Jul 2018 17:39

Instrument :

MSVOA_N

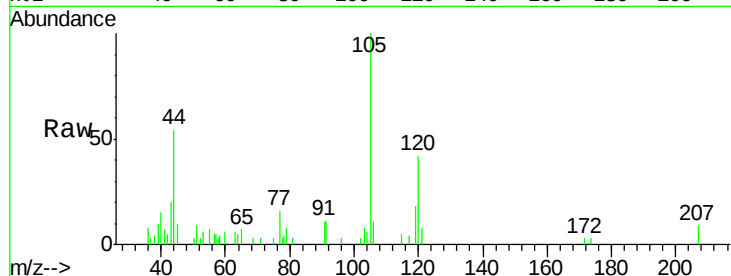
ClientSampled :

Tot Ion:105 Resp: 11718

Ion Ratio Lower Upper

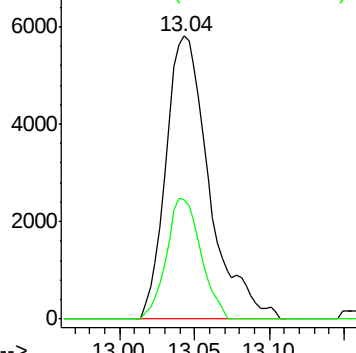
105 100

120 33.9 22.7 68.1

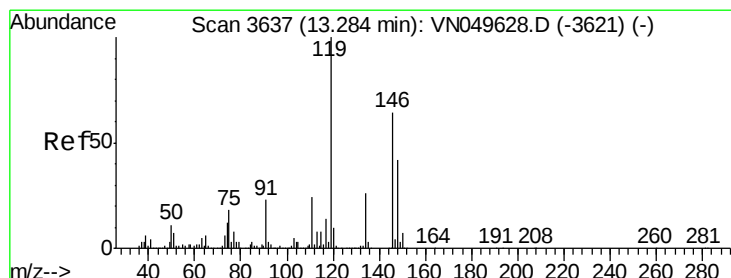
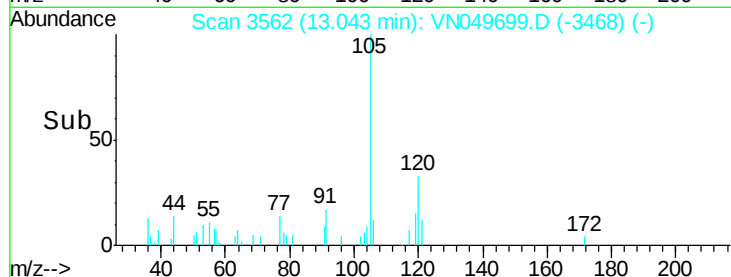


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#87

1,3-Dichlorobenzene

Concen: Below Cal

RT: 13.29 min Scan# 3638

Delta R.T. 0.00 min

Lab File: VN049699.D

Acq: 3 Jul 2018 17:39

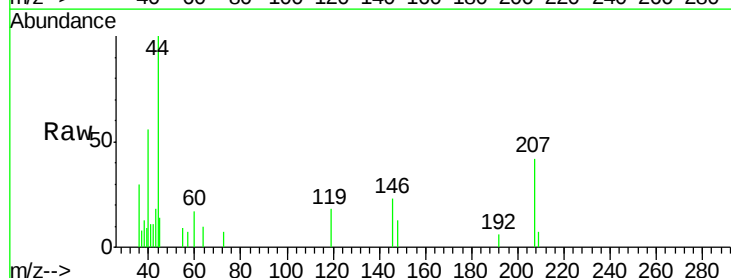
Tgt Ion:146 Resp: 570

Ion Ratio Lower Upper

146 100

111 0.0 19.0 57.0#

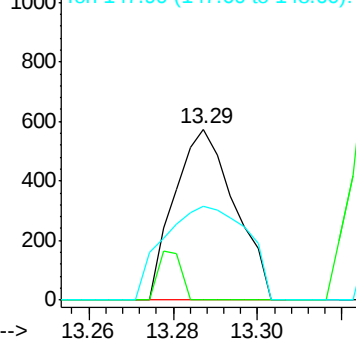
148 76.0 32.5 97.5



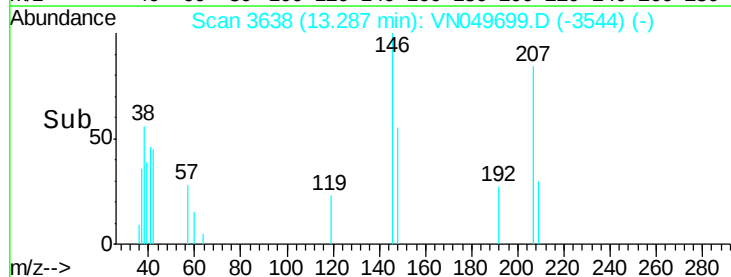
Abundance Ion 145.90 (145.60 to 146.60): V

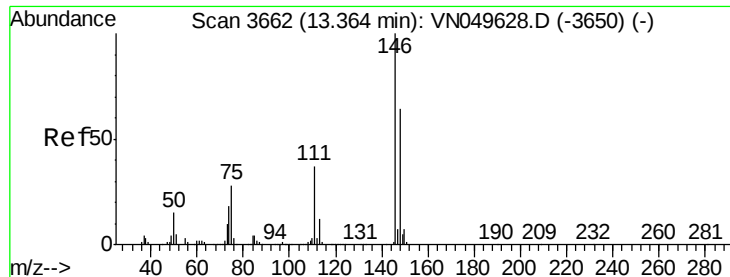
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



Time-->





#88

1,4-Dichlorobenzene

Concen: Below Cal

RT: 13.36 min Scan# 3661

Delta R.T. -0.00 min

Lab File: VN049699.D

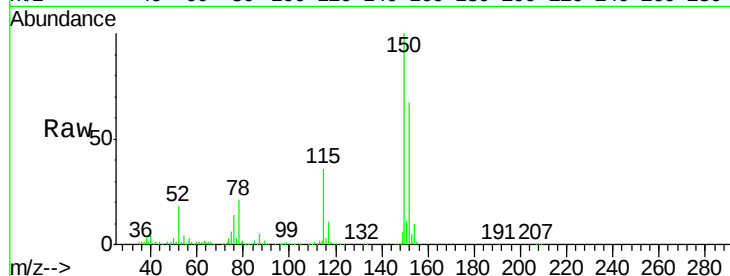
Acq: 3 Jul 2018 17:39

Instrument :

MSVOA_N

ClientSampleId :

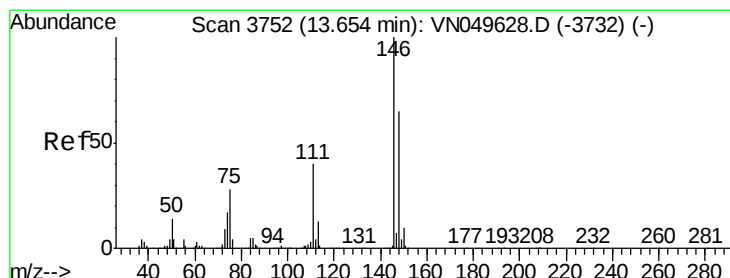
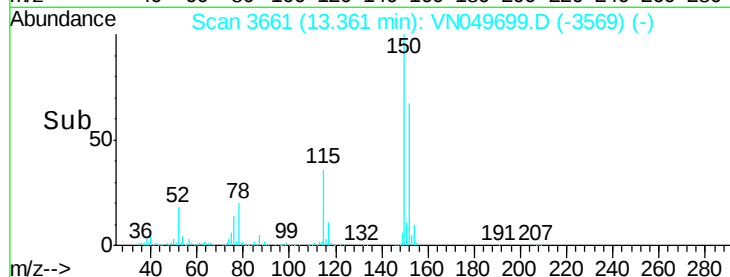
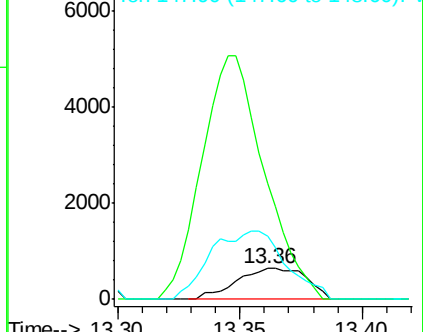
Tot Ion:146	Resp:	1279
Ion	Ratio	Lower Upper
146	100	
111	704.1	18.9 56.5#
148	237.4	32.1 96.3#



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



#91

1,2-Dichlorobenzene

Concen: Below Cal

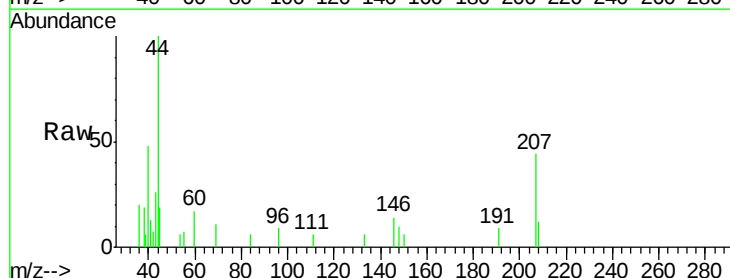
RT: 13.66 min Scan# 3753

Delta R.T. 0.00 min

Lab File: VN049699.D

Acq: 3 Jul 2018 17:39

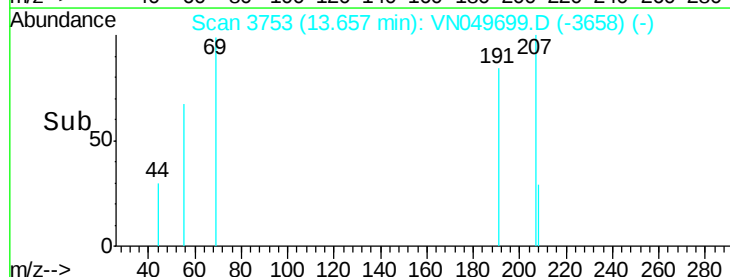
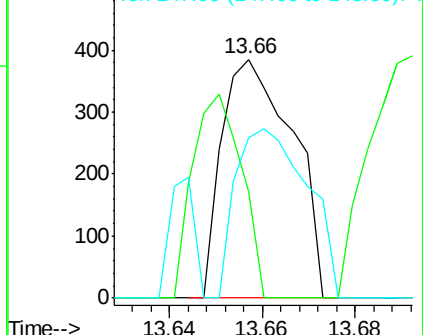
Tgt Ion:146	Resp:	409
Ion	Ratio	Lower Upper
146	100	
111	58.7	19.7 59.1
148	71.9	32.0 96.2

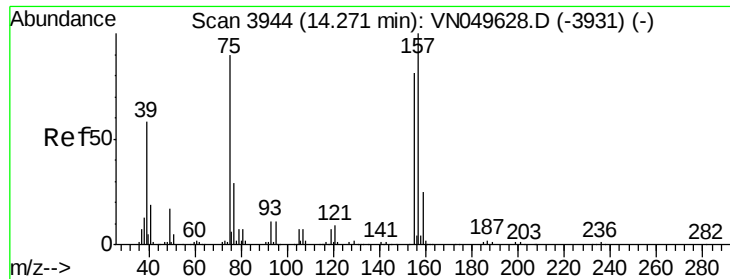


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.27 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VN049699.D

Acq: 3 Jul 2018 17:39

Instrument :

MSVOA_N

ClientSampled :

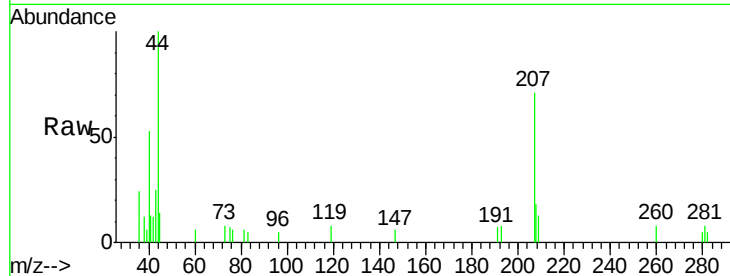
Tot Ion: 75 Resp: 113

Ion Ratio Lower Upper

75 100

155 0.0 45.7 137.1#

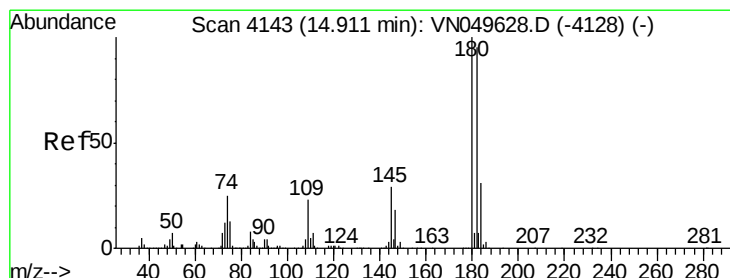
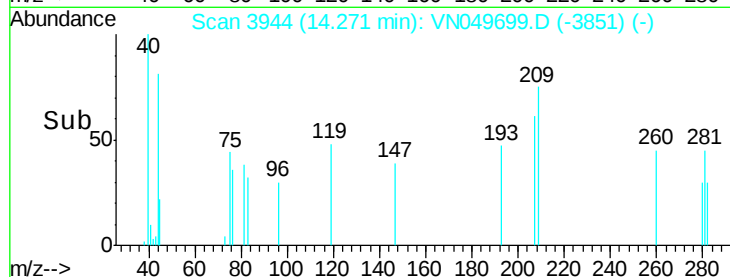
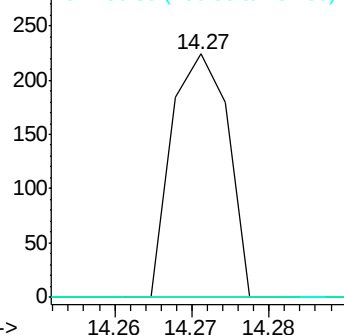
157 0.0 56.9 170.7#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 2.43 ug/l

RT: 14.91 min Scan# 4142

Delta R.T. -0.00 min

Lab File: VN049699.D

Acq: 3 Jul 2018 17:39

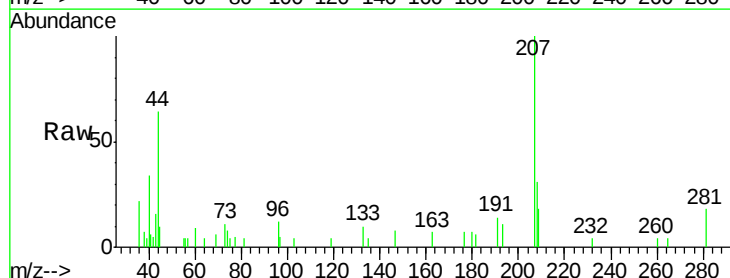
Tgt Ion: 180 Resp: 291

Ion Ratio Lower Upper

180 100

182 54.0 47.3 141.9

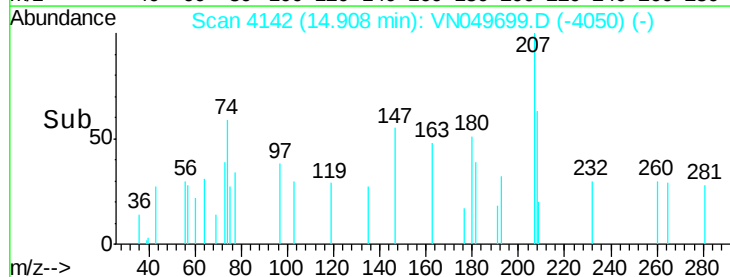
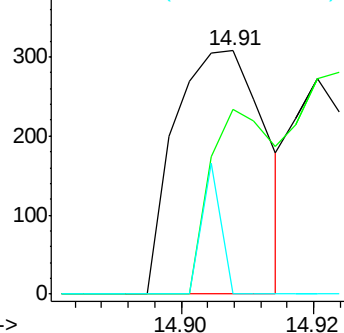
145 11.0 14.4 43.0#

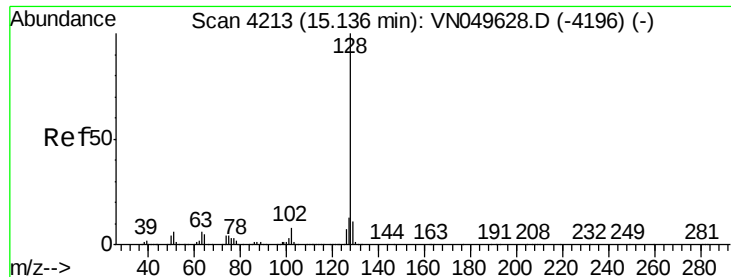


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

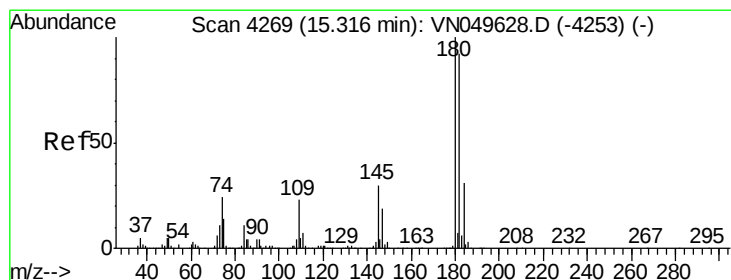
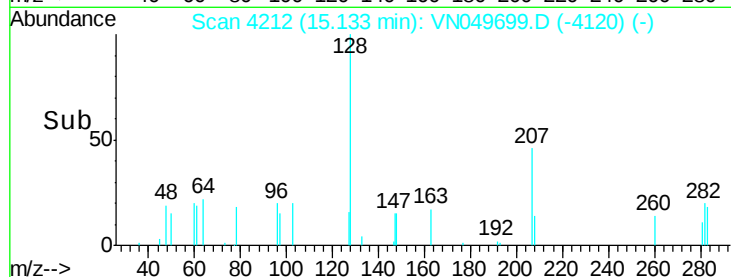
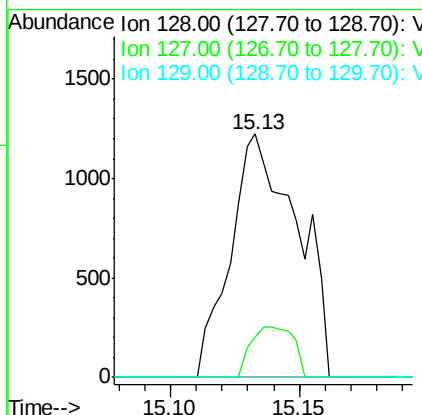
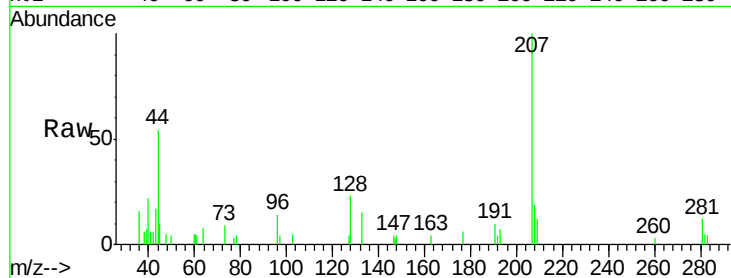




#95
Naphthalene
Concen: 4.11 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN049699.D
Acq: 3 Jul 2018 17:39

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 2199
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 0.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 1.67 ug/l
RT: 15.32 min Scan# 4270
Delta R.T. 0.00 min
Lab File: VN049699.D
Acq: 3 Jul 2018 17:39

Tgt Ion:180 Resp: 318
Ion Ratio Lower Upper
180 100
182 171.4 47.4 142.2#
145 0.0 15.2 45.6#

