

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122218\
 Data File : VN053167.D
 Acq On : 23 Dec 2018 7:26
 Operator : MD\SY
 Sample : J6446-20ME 10X
 Misc : 4.61g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 47 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS023-1218-01ME

Quant Time: Dec 23 23:15:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1167610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1794263	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1631135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	673403	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	570390	48.14	ug/l	0.00
Spiked Amount			Recovery	=	96.28%	
35) Dibromofluoromethane	7.59	113	481181	58.71	ug/l	0.00
Spiked Amount			Recovery	=	117.42%	
50) Toluene-d8	10.09	98	2185119	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.40	95	743645	48.14	ug/l	0.00
Spiked Amount			Recovery	=	96.28%	

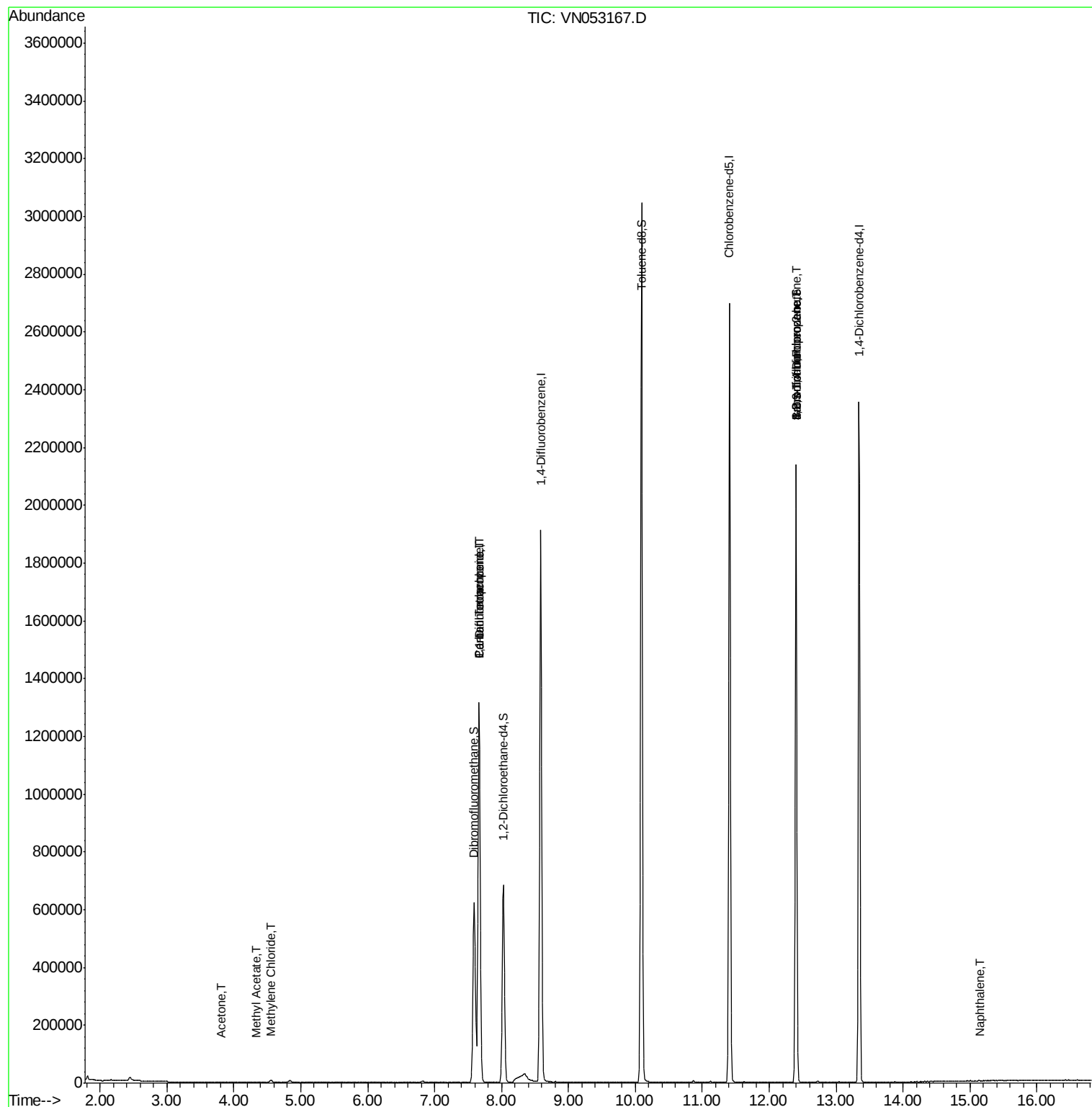
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	1004	0.432	ug/l	91
18) Methyl Acetate	4.33	43	2156	1.192	ug/l #	70
20) Methylene Chloride	4.55	84	5557	0.438	ug/l	87
31) Cyclohexane	7.67	56	18679	Below Cal	#	1
36) 1,1-Dichloropropene	7.67	75	75310	4.373	ug/l #	49
38) Carbon Tetrachloride	7.66	117	99105	6.278	ug/l #	16
43) Isopropyl Acetate	8.23	43	13820	Below Cal	#	53
71) Bromoform	12.40	173	4367	0.481	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	345009	30.435	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	345009	98.095	ug/l #	12
95) Naphthalene	15.14	128	440	1.163	ug/l #	69

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

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P001-SS023-1218-01ME

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Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053167.D

Acq: 23 Dec 2018 7:26

Instrument :

MSVOA_N

ClientSampleId :

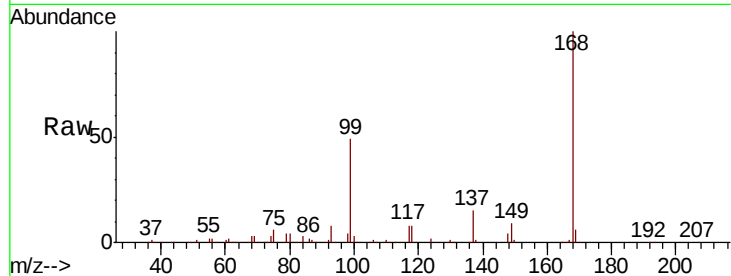
P001-SS023-1218-01ME

Tot Ion:168 Resp: 1167610

Ion Ratio Lower Upper

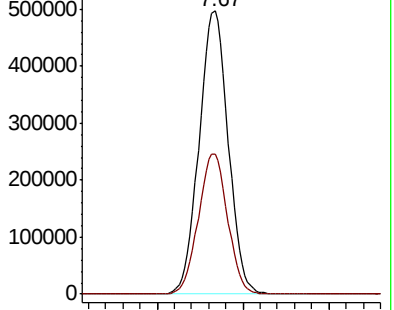
168 100

99 49.5 40.2 60.2

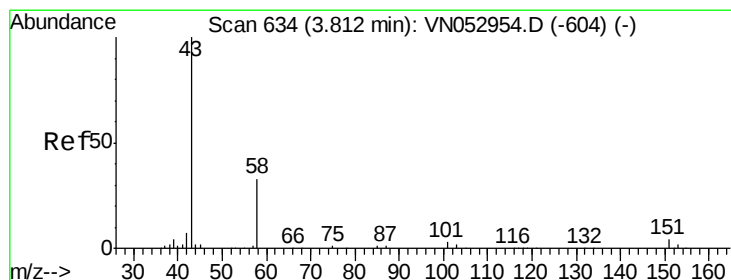
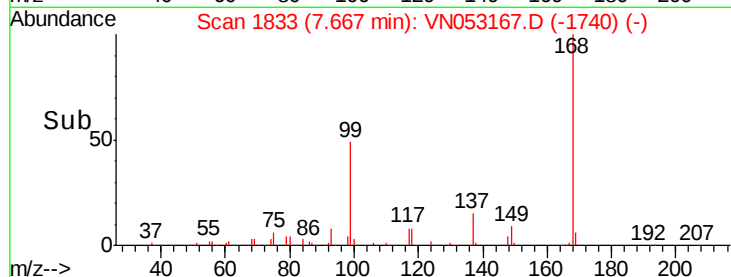


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



Time-->



#16

Acetone

Concen: 0.432 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053167.D

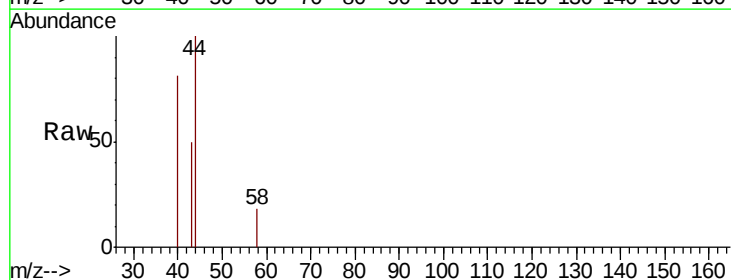
Acq: 23 Dec 2018 7:26

Tgt Ion: 43 Resp: 1004

Ion Ratio Lower Upper

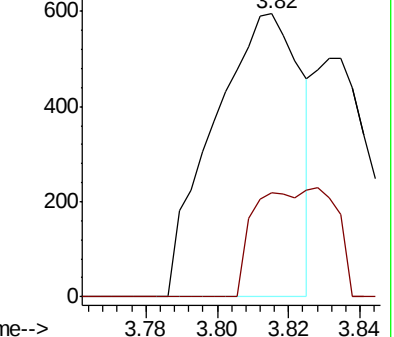
43 100

58 36.6 25.4 38.0

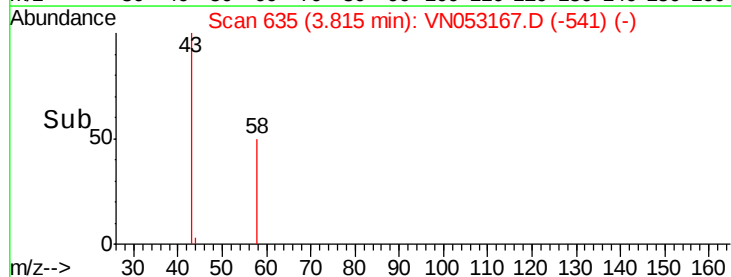


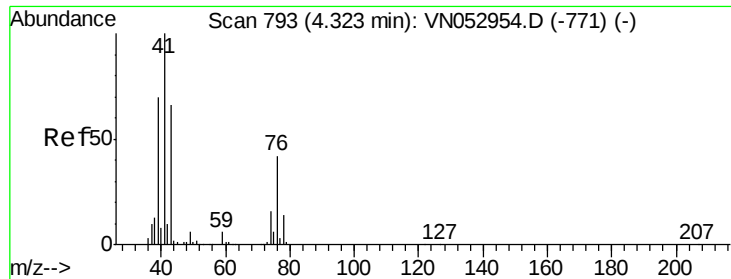
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->

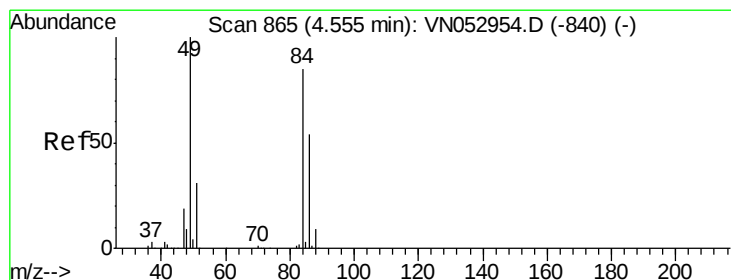
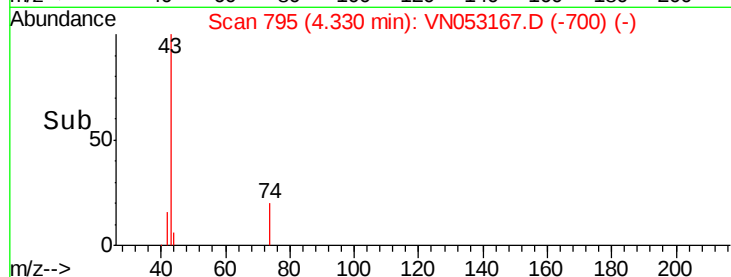
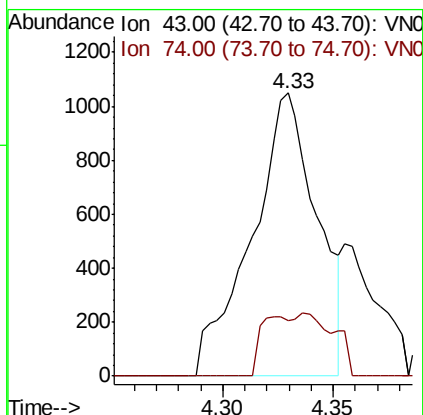
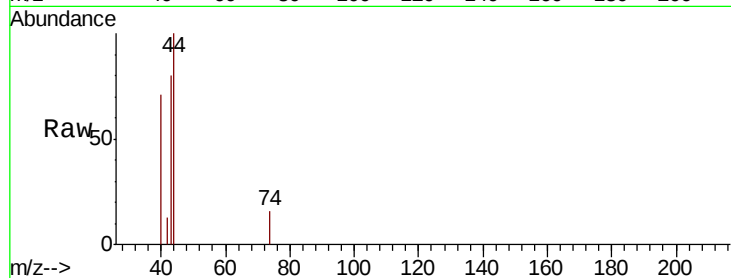




#18
Methyl Acetate
Concen: 1.192 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN053167.D
Acq: 23 Dec 2018 7:26

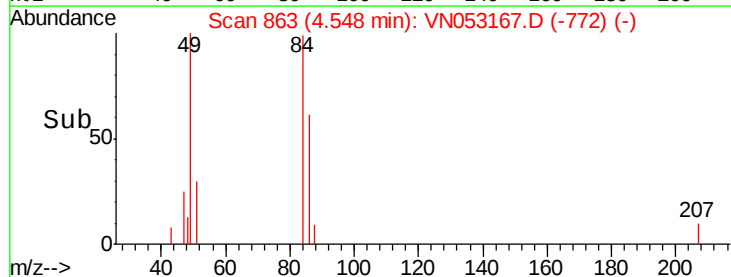
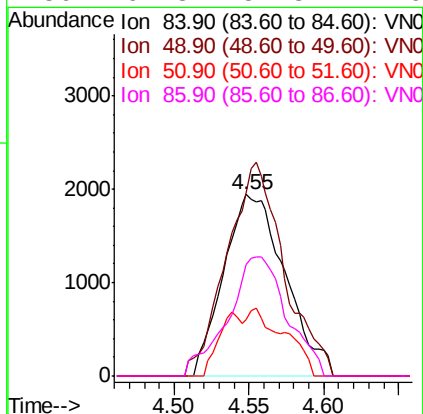
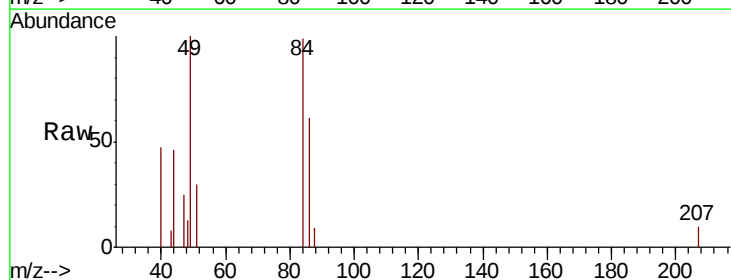
Instrument :
MSVOA_N
ClientSampleId :
P001-SS023-1218-01ME

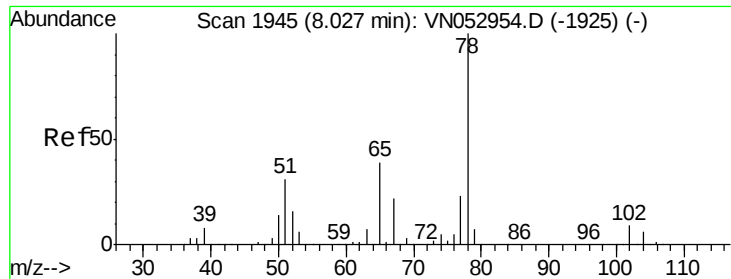
Tot Ion: 43 Resp: 2156
Ion Ratio Lower Upper
43 100
74 9.4 19.2 28.8#



#20
Methylene Chloride
Concen: 0.438 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.01 min
Lab File: VN053167.D
Acq: 23 Dec 2018 7:26

Tgt Ion: 84 Resp: 5557
Ion Ratio Lower Upper
84 100
49 101.1 96.8 145.2
51 30.8 29.9 44.9
86 61.3 51.8 77.6





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053167.D

Acq: 23 Dec 2018 7:26

Instrument :

MSVOA_N

ClientSampleId :

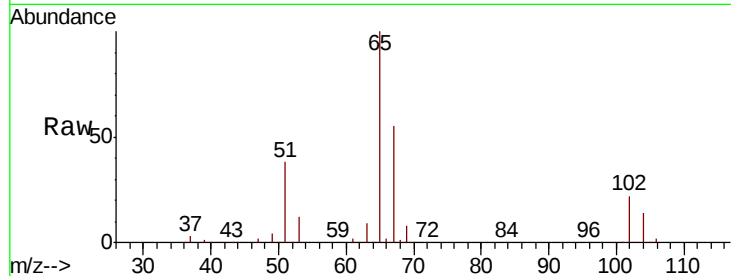
P001-SS023-1218-01ME

Tot Ion: 65 Resp: 570390

Ion Ratio Lower Upper

65 100

67 54.8 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN053167.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN053167.D (-1925) (-)

8.03

250000

200000

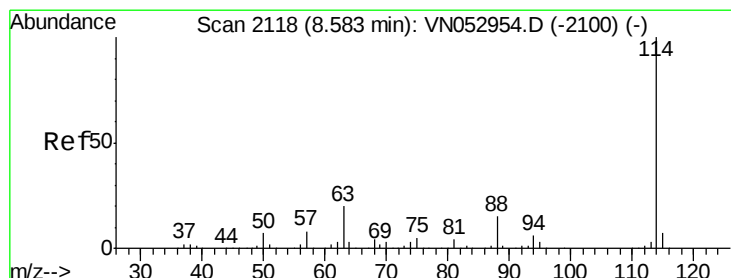
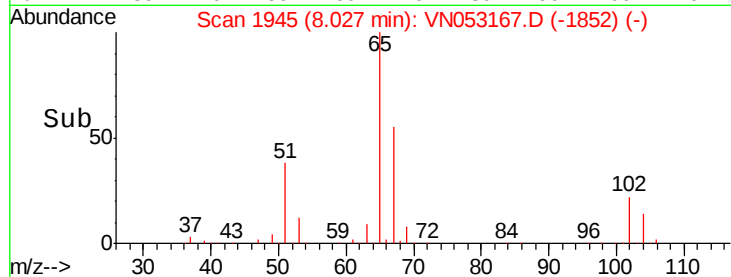
150000

100000

50000

0

Time--> 7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053167.D

Acq: 23 Dec 2018 7:26

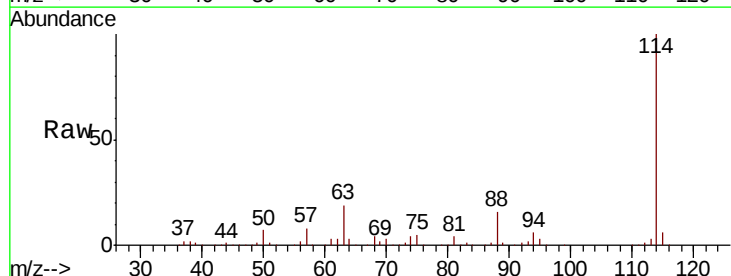
Tgt Ion: 114 Resp: 1794263

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.8

88 15.6 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VN053167.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN053167.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN053167.D (-2025) (-)

8.59

1200000

1000000

800000

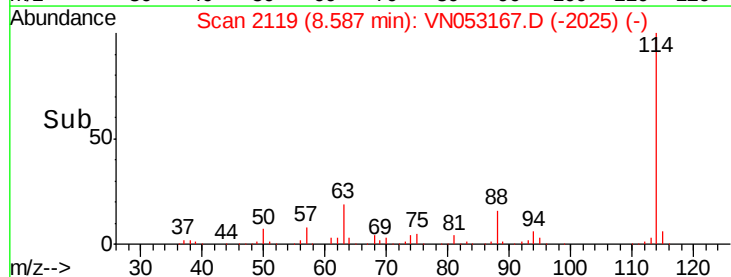
600000

400000

200000

0

Time--> 8.50 8.60 8.70

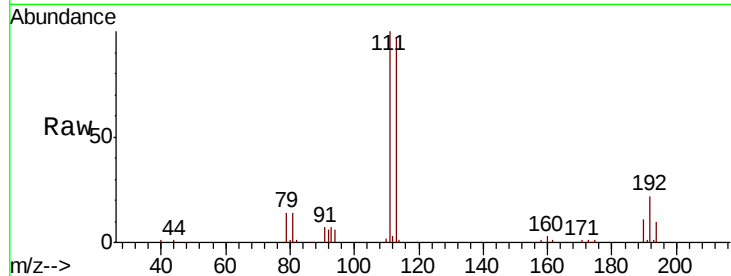




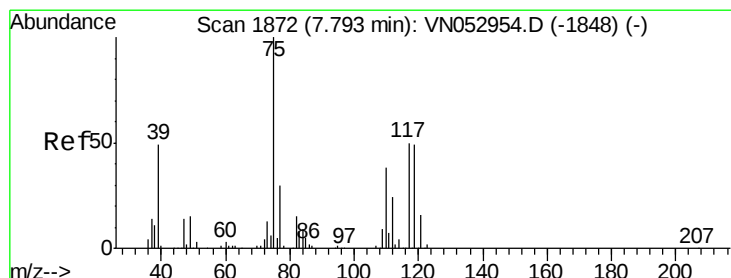
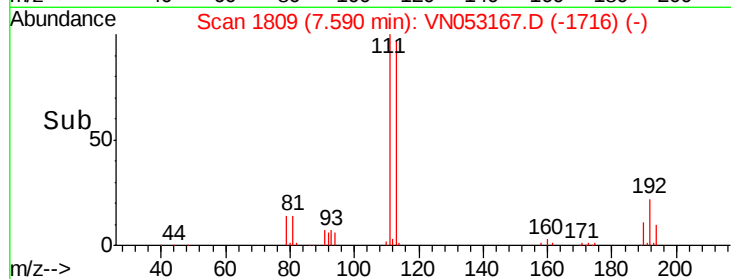
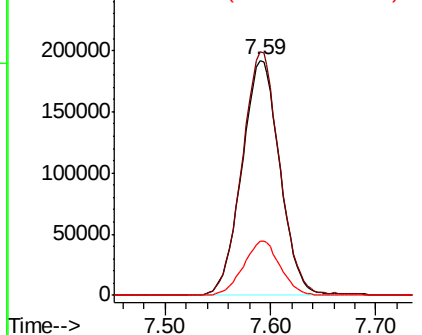
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053167.D
 Acq: 23 Dec 2018 7:26

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS023-1218-01ME

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.0	124.4
192	22.6	17.5	26.3

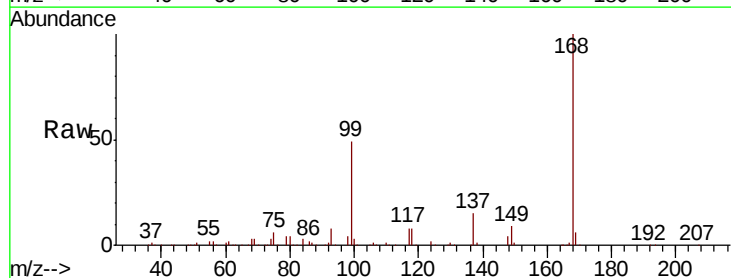


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

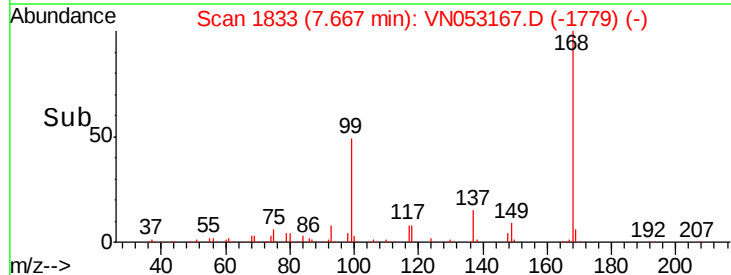
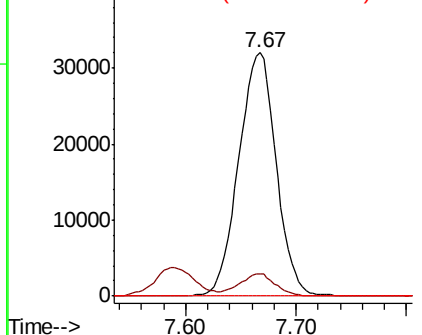


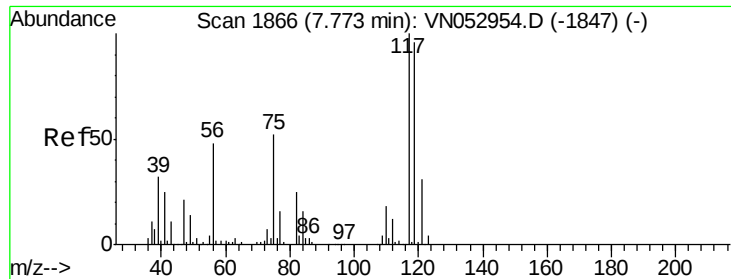
#36
 1,1-Dichloropropene
 Concen: 4.373 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053167.D
 Acq: 23 Dec 2018 7:26

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.2	54.6#
77	0.0	24.9	37.3#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.278 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN053167.D

Acq: 23 Dec 2018 7:26

Instrument :

MSVOA_N

ClientSampleId :

P001-SS023-1218-01ME

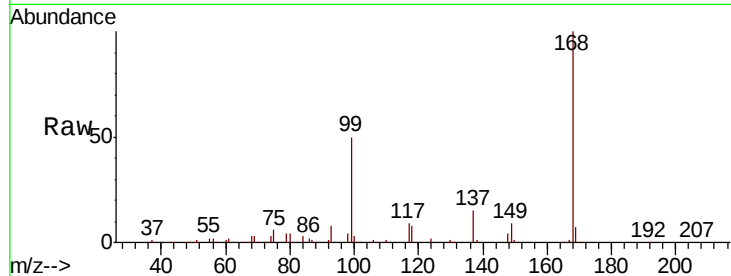
Tot Ion:117 Resp: 99105

Ion Ratio Lower Upper

117 100

119 5.2 77.1 115.7#

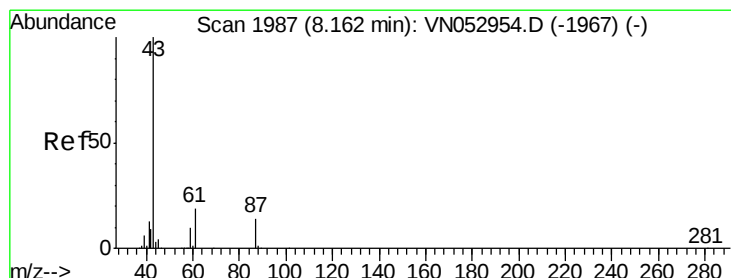
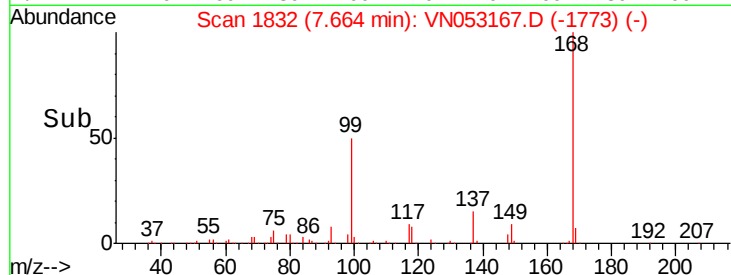
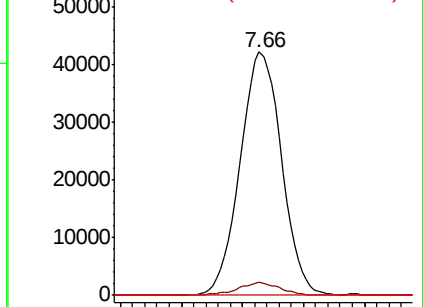
121 0.0 24.9 37.3#



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: Below Cal

RT: 8.23 min Scan# 2007

Delta R.T. 0.06 min

Lab File: VN053167.D

Acq: 23 Dec 2018 7:26

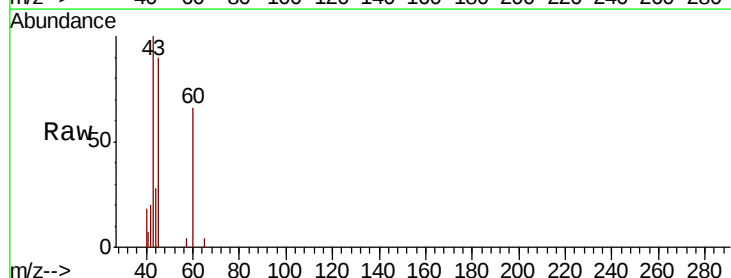
Tgt Ion: 43 Resp: 13820

Ion Ratio Lower Upper

43 100

61 0.0 22.9 34.3#

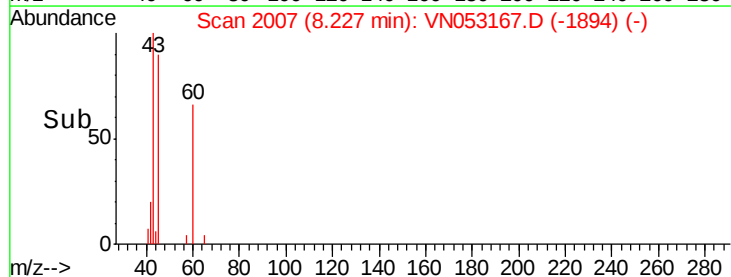
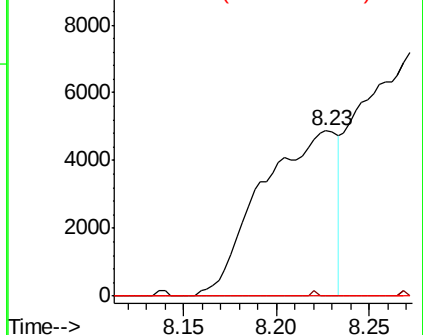
87 0.0 10.6 15.8#

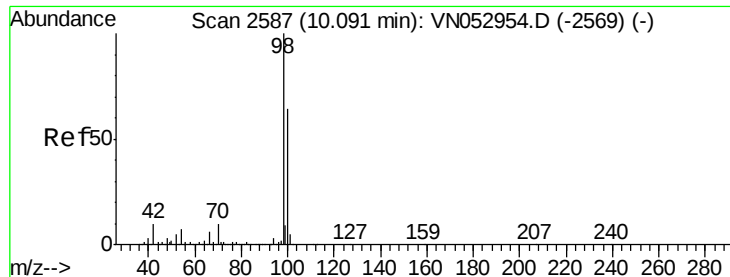


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053167.D

Acq: 23 Dec 2018 7:26

Instrument :

MSVOA_N

ClientSampleId :

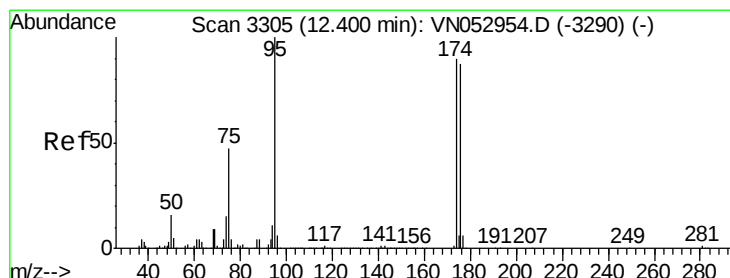
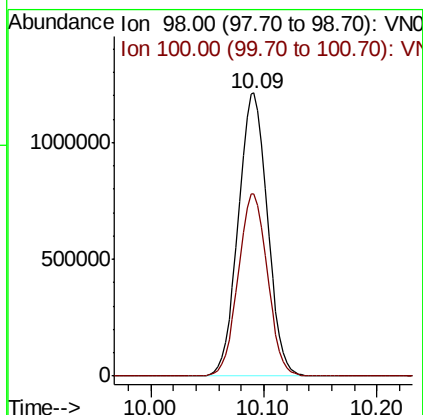
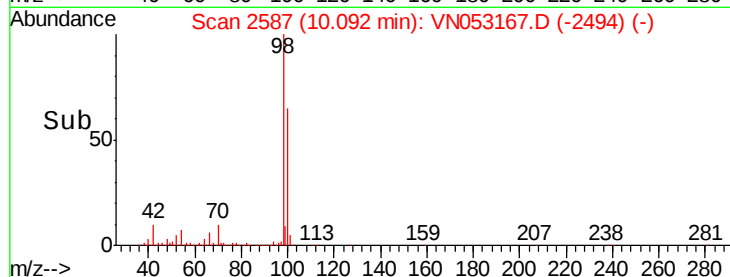
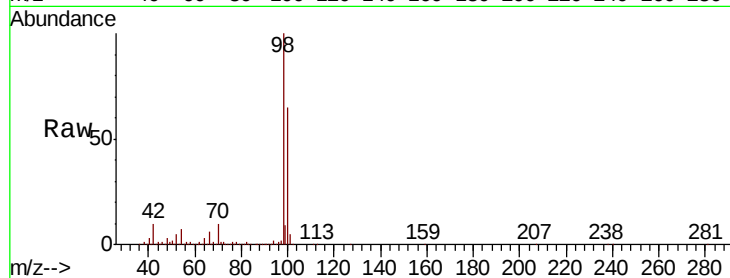
P001-SS023-1218-01ME

Tot Ion: 98 Resp: 2185119

Ion Ratio Lower Upper

98 100

100 64.6 51.6 77.4



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053167.D

Acq: 23 Dec 2018 7:26

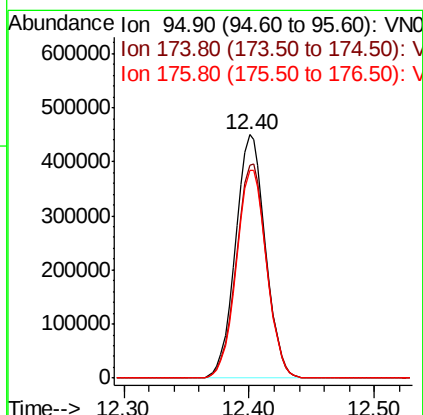
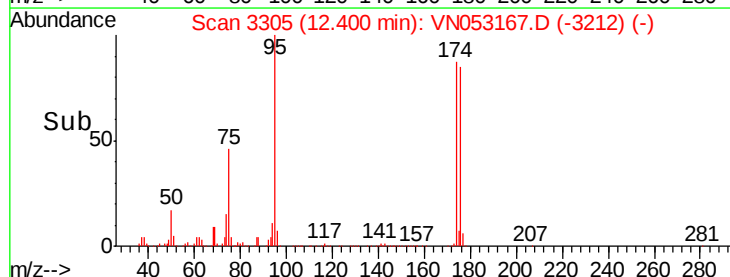
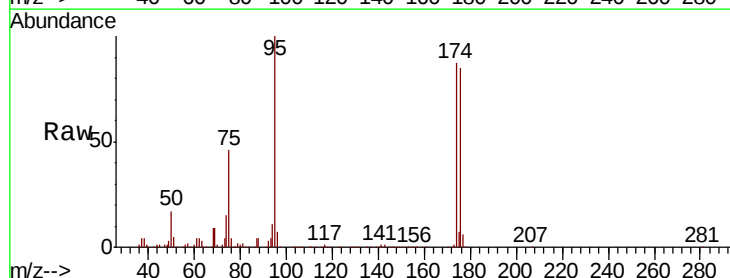
Tgt Ion: 95 Resp: 743645

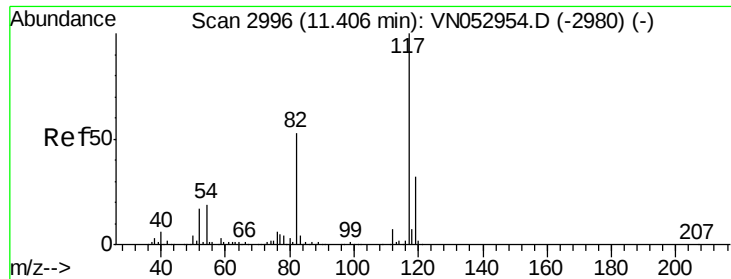
Ion Ratio Lower Upper

95 100

174 89.2 0.0 178.8

176 86.5 0.0 173.8

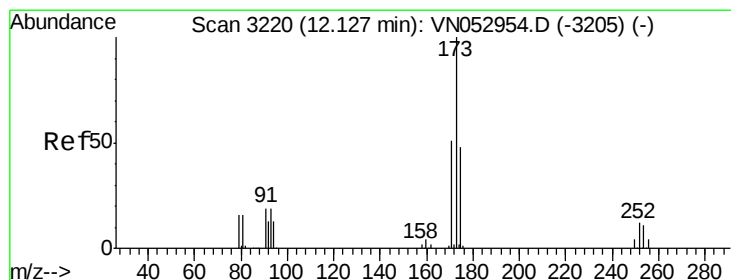
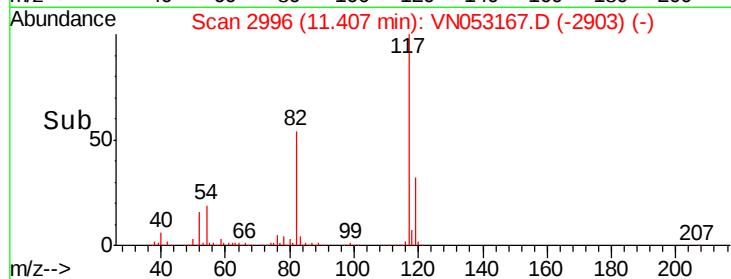
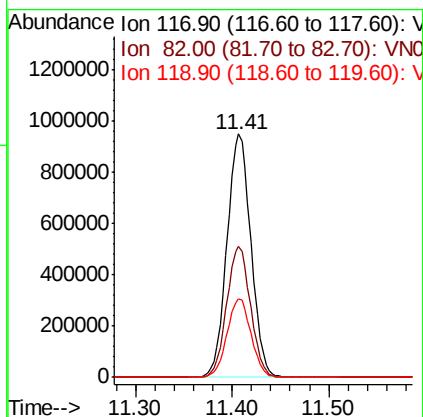
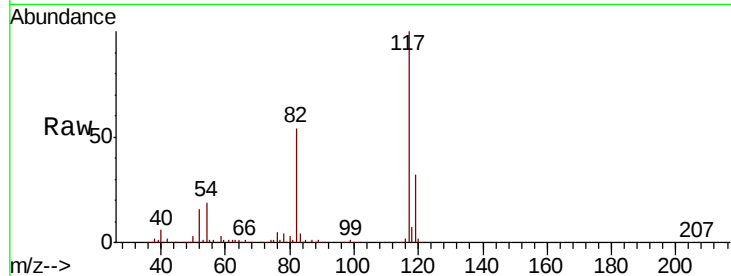




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053167.D
Acq: 23 Dec 2018 7:26

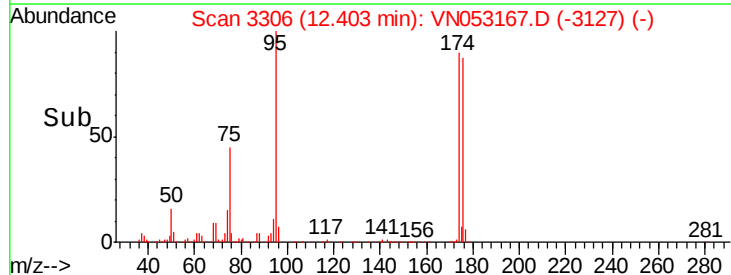
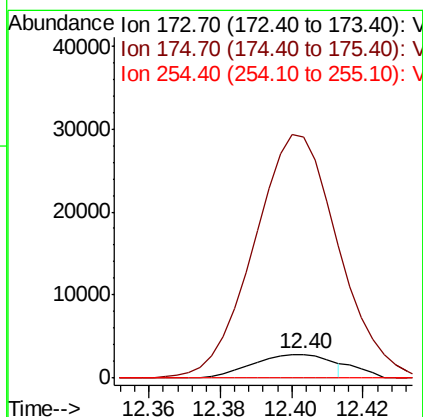
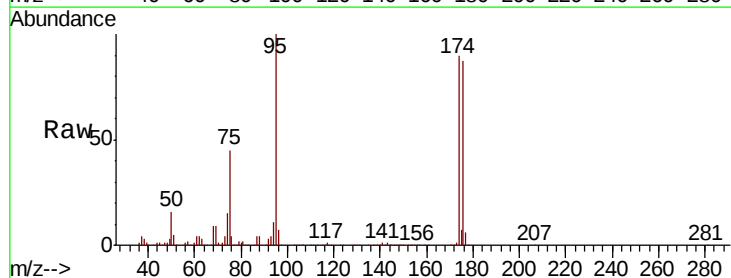
Instrument :
MSVOA_N
ClientSampleId :
P001-SS023-1218-01ME

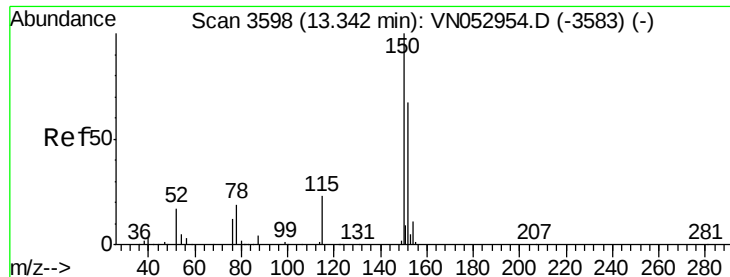
Tot Ion:117 Resp: 1631135
Ion Ratio Lower Upper
117 100
82 53.8 42.8 64.2
119 32.5 25.5 38.3



#71
Bromoform
Concen: 0.481 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN053167.D
Acq: 23 Dec 2018 7:26

Tgt Ion:173 Resp: 4367
Ion Ratio Lower Upper
173 100
175 975.4 24.3 72.9#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN053167.D

Acq: 23 Dec 2018 7:26

Instrument :

MSVOA_N

ClientSampleId :

P001-SS023-1218-01ME

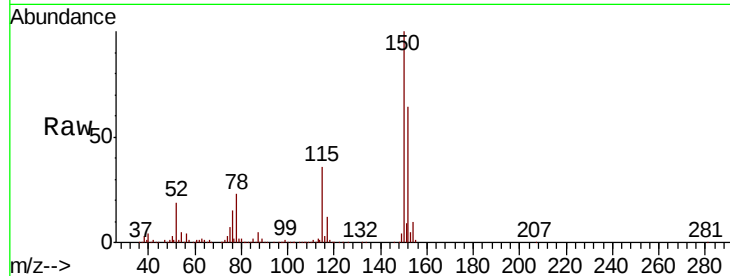
Tot Ion:152 Resp: 673403

Ion Ratio Lower Upper

152 100

115 56.4 28.3 85.0

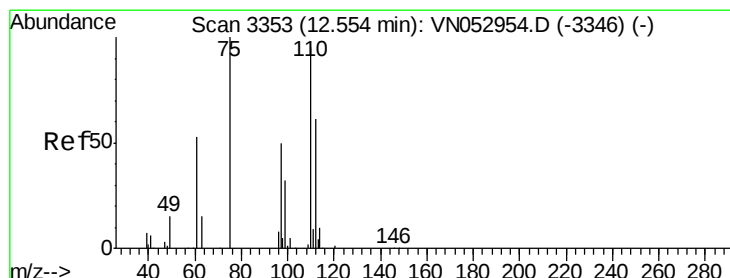
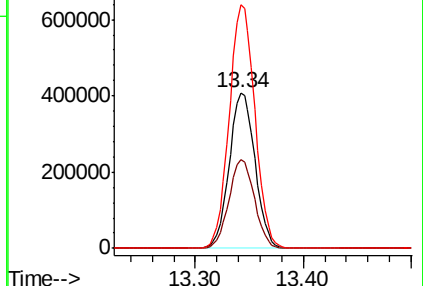
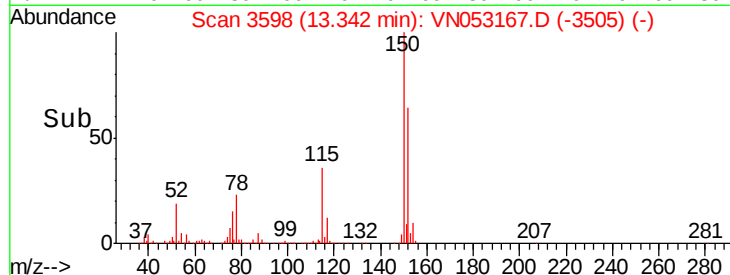
150 156.1 0.0 347.8



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: 30.435 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053167.D

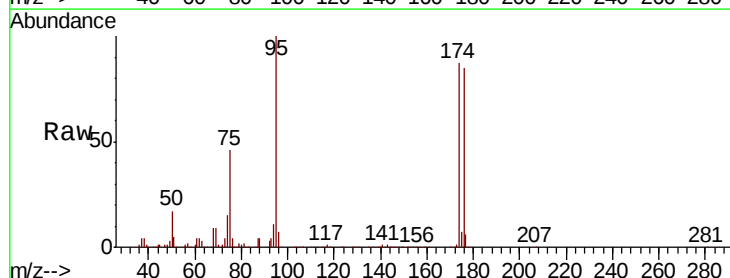
Acq: 23 Dec 2018 7:26

Tgt Ion: 75 Resp: 345009

Ion Ratio Lower Upper

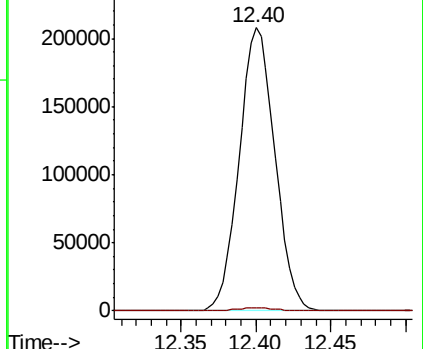
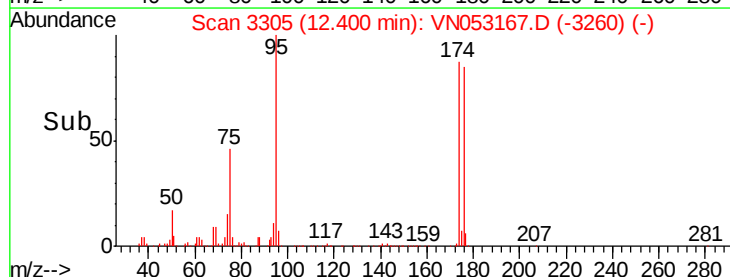
75 100

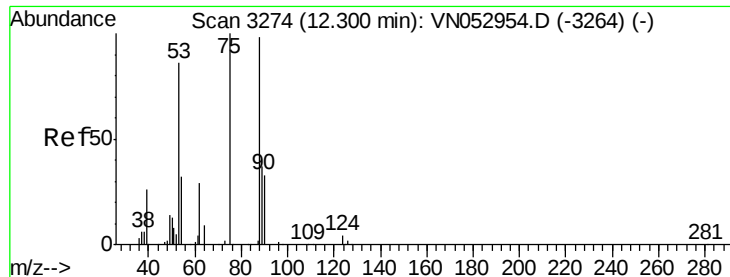
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 98.095 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053167.D

Acq: 23 Dec 2018 7:26

Instrument :

MSVOA_N

ClientSampleId :

P001-SS023-1218-01ME

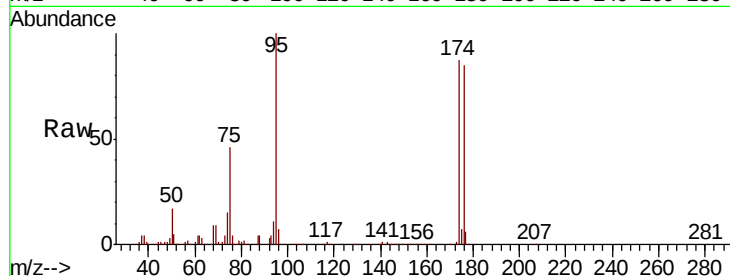
Tot Ion: 75 Resp: 345009

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

89 0.0 36.1 54.1#

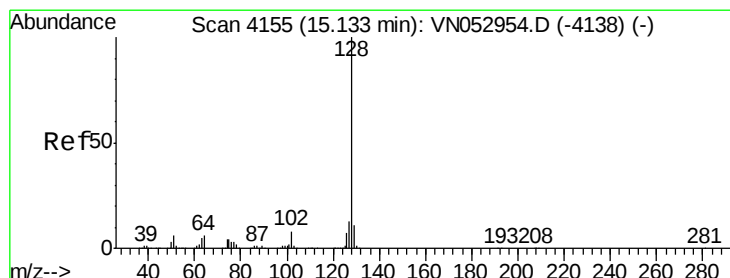
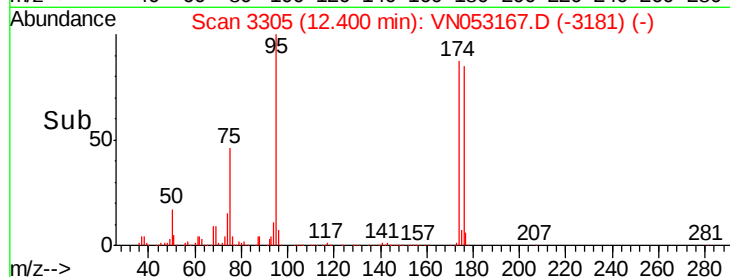
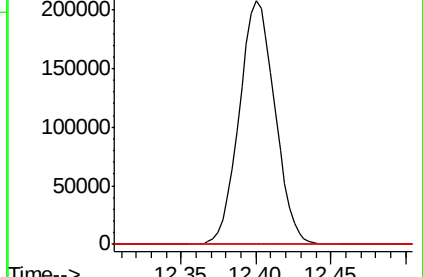


Abundance Ion 74.90 (74.60 to 75.60): VN052954.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN052954.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN052954.D (-3264) (-)

12.40



#95

Naphthalene

Concen: 1.163 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN053167.D

Acq: 23 Dec 2018 7:26

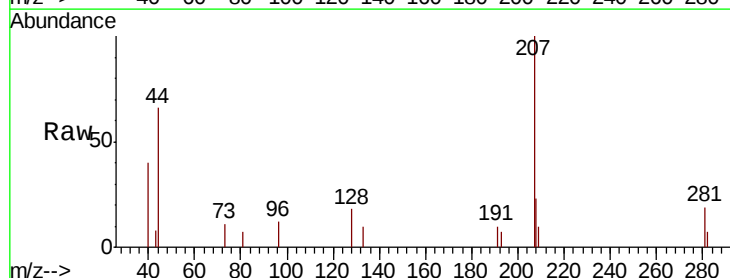
Tgt Ion: 128 Resp: 440

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.4#

129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): VN052954.D (-4138) (-)

Ion 127.00 (126.70 to 127.70): VN052954.D (-4138) (-)

Ion 129.00 (128.70 to 129.70): VN052954.D (-4138) (-)

15.14

