

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122218\
 Data File : VN053166.D
 Acq On : 23 Dec 2018 7:00
 Operator : MD\SY
 Sample : J6446-19ME 10X
 Misc : 4.92g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 46 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS023-0612-01ME

Quant Time: Dec 23 23:15:19 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	7.66	168	1167498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1803544	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1616262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	643822	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	573403	48.40	ug/l	0.00
Spiked Amount			Recovery	=	96.80%	
35) Dibromofluoromethane	7.59	113	485497	58.93	ug/l	0.00
Spiked Amount			Recovery	=	117.86%	
50) Toluene-d8	10.09	98	2196060	49.65	ug/l	0.00
Spiked Amount			Recovery	=	99.30%	
62) 4-Bromofluorobenzene	12.40	95	727295	46.84	ug/l	0.00
Spiked Amount			Recovery	=	93.68%	

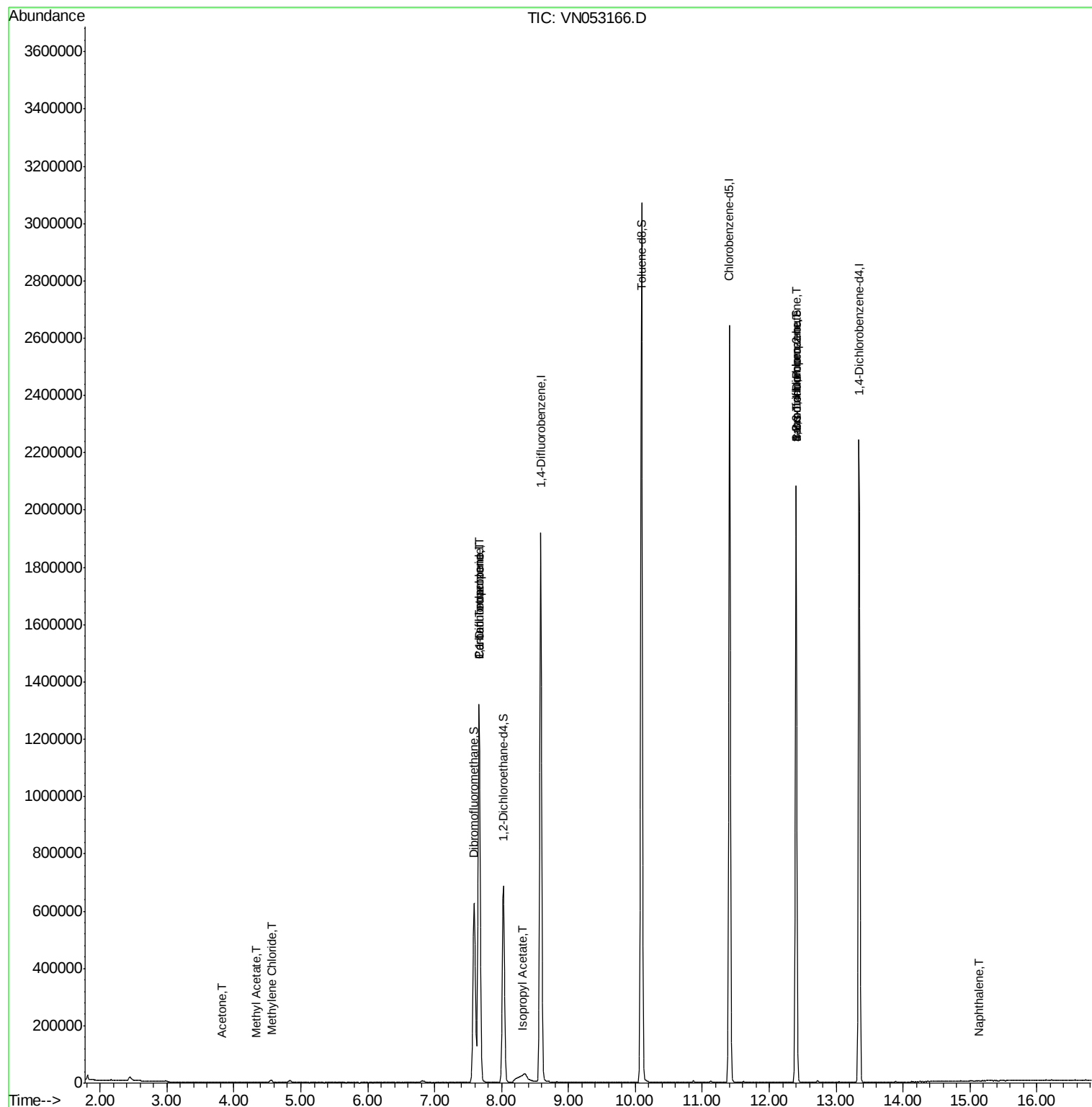
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	2238	0.963	ug/l	93
18) Methyl Acetate	4.33	43	3718	1.338	ug/l #	70
20) Methylene Chloride	4.55	84	7156	0.565	ug/l	94
31) Cyclohexane	7.67	56	18677	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	77757	4.492	ug/l #	49
38) Carbon Tetrachloride	7.67	117	100941	6.362	ug/l #	16
43) Isopropyl Acetate	8.30	43	45636	1.426	ug/l #	53
71) Bromoform	12.40	173	4874	0.542	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	335149	30.923	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	335149	99.669	ug/l #	12
95) Naphthalene	15.14	128	325	1.159	ug/l #	69

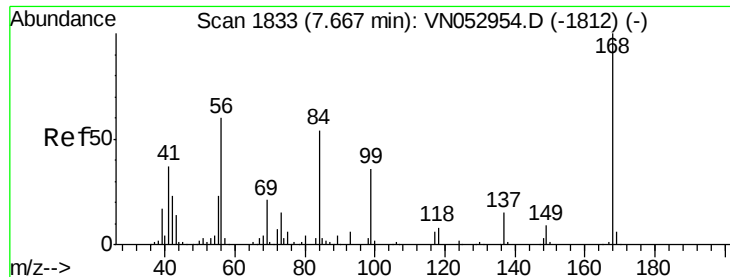
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN122218\
Data File : VN053166.D
Acq On : 23 Dec 2018 7:00
Operator : MD\SY
Sample : J6446-19ME 10X
Misc : 4.92g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 46 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
P001-SS023-0612-01ME

Quant Time: Dec 23 23:15:19 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
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: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053166.D

Acq: 23 Dec 2018 7:00

Instrument :

MSVOA_N

ClientSampleId :

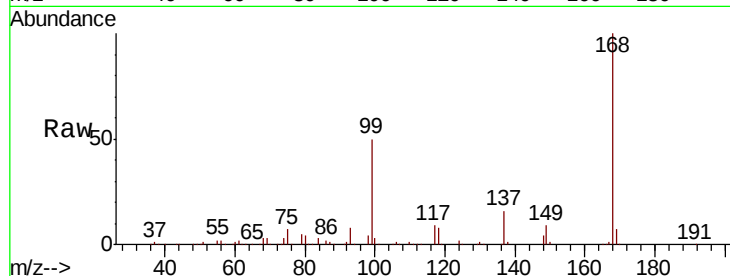
P001-SS023-0612-01ME

Tot Ion:168 Resp: 1167498

Ion Ratio Lower Upper

168 100

99 49.8 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN052954.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052954.D (-1812) (-)

7.66

500000

400000

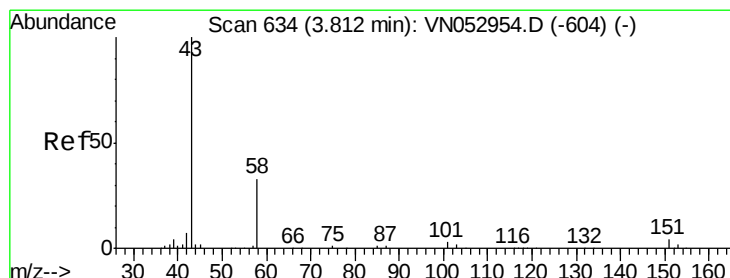
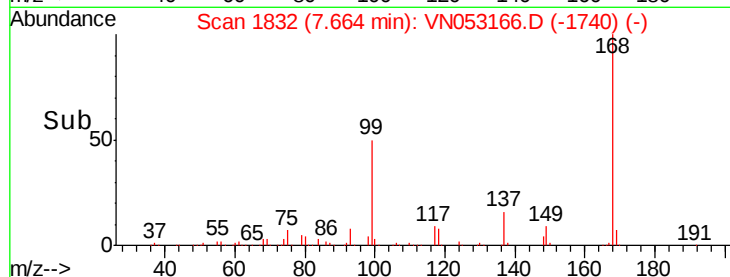
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 0.963 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053166.D

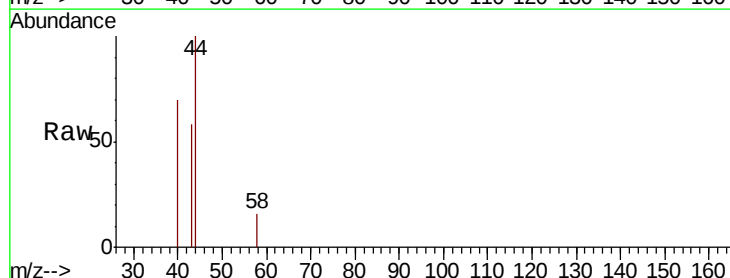
Acq: 23 Dec 2018 7:00

Tgt Ion: 43 Resp: 2238

Ion Ratio Lower Upper

43 100

58 27.9 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN052954.D (-604) (-)

Ion 58.00 (57.70 to 58.70): VN052954.D (-604) (-)

3.82

800

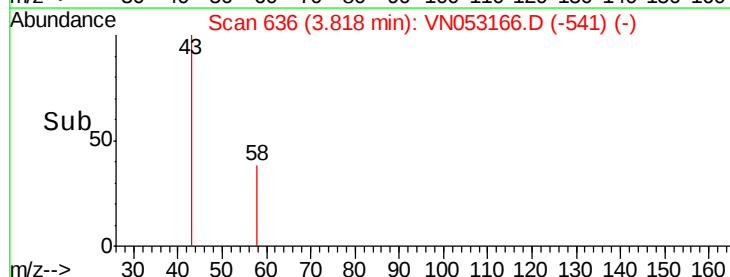
600

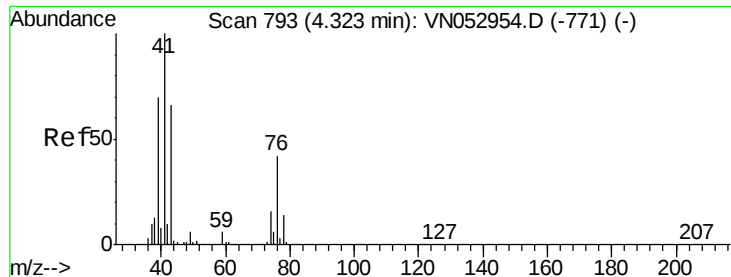
400

200

0

Time-->

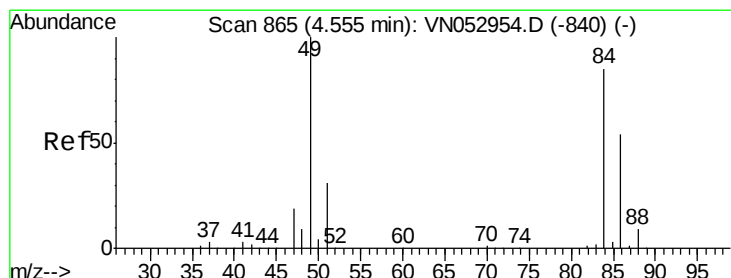
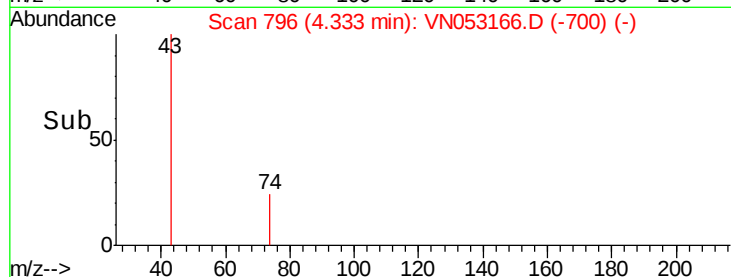
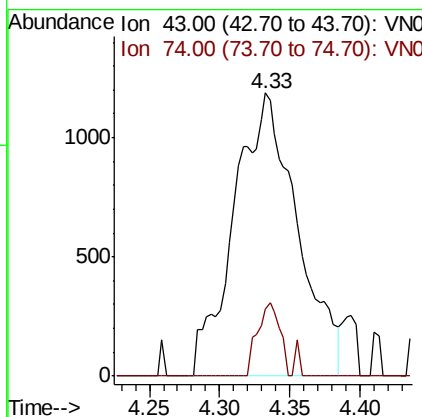
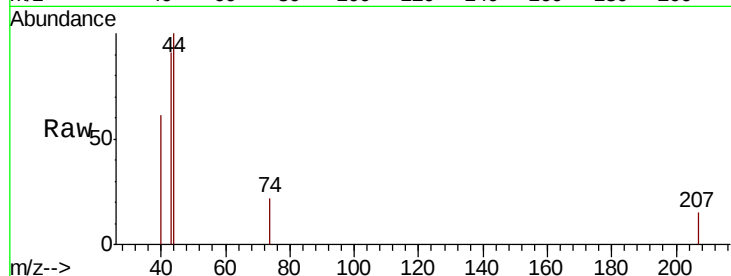




#18
Methyl Acetate
Concen: 1.338 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN053166.D
Acq: 23 Dec 2018 7:00

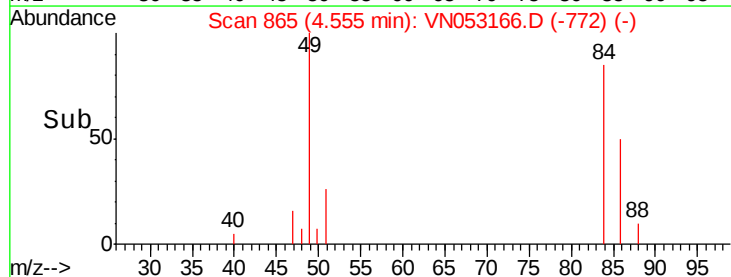
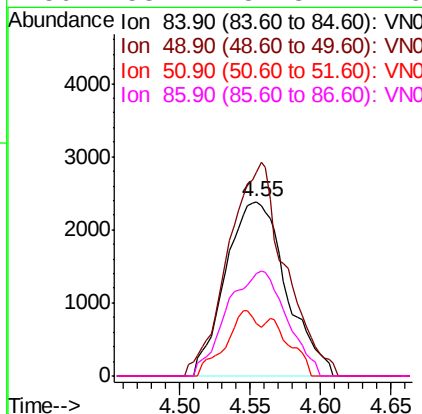
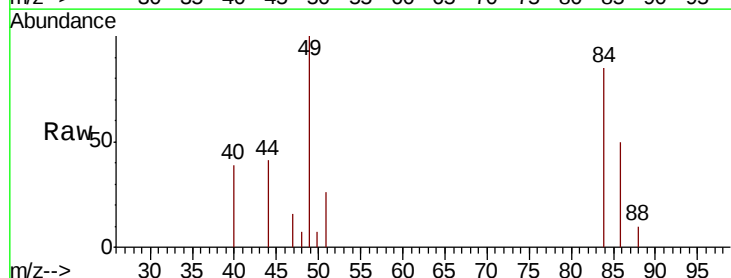
Instrument :
MSVOA_N
ClientSampleId :
P001-SS023-0612-01ME

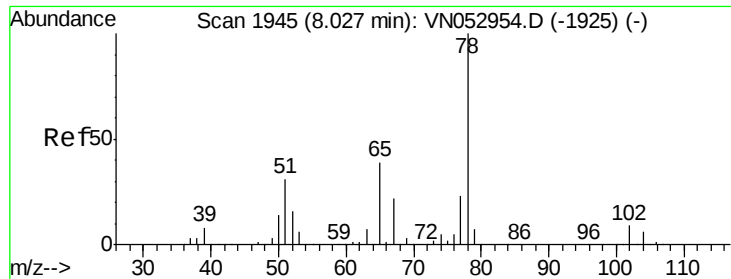
Tot Ion: 43 Resp: 3718
Ion Ratio Lower Upper
43 100
74 9.2 19.2 28.8#



#20
Methylene Chloride
Concen: 0.565 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN053166.D
Acq: 23 Dec 2018 7:00

Tgt Ion: 84 Resp: 7156
Ion Ratio Lower Upper
84 100
49 117.0 96.8 145.2
51 30.0 29.9 44.9
86 58.7 51.8 77.6

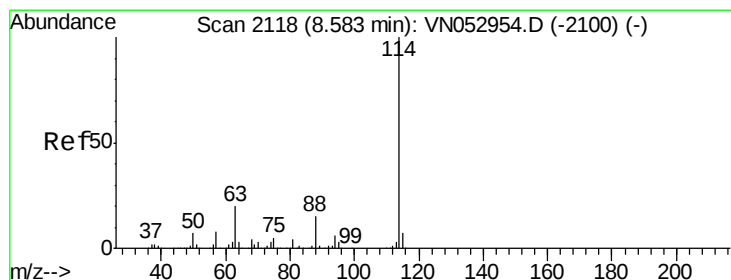
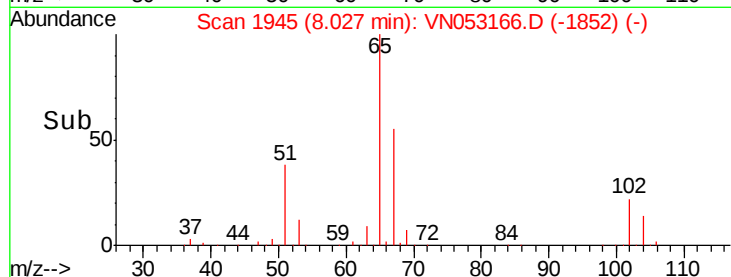
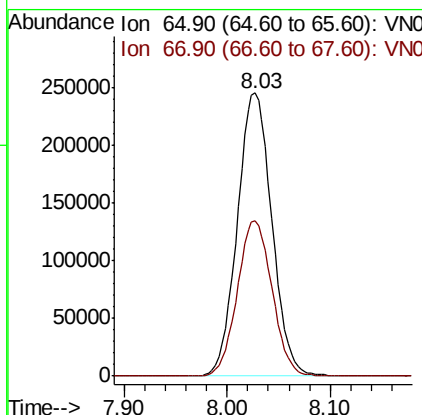
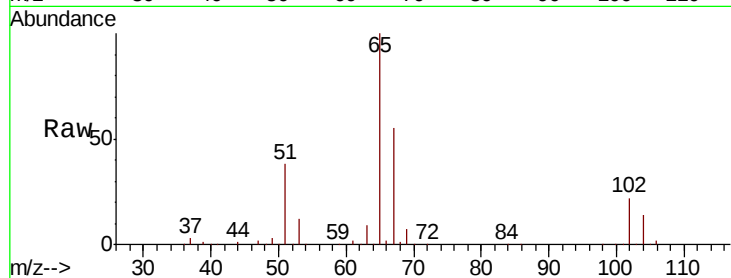




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053166.D
 Acq: 23 Dec 2018 7:00

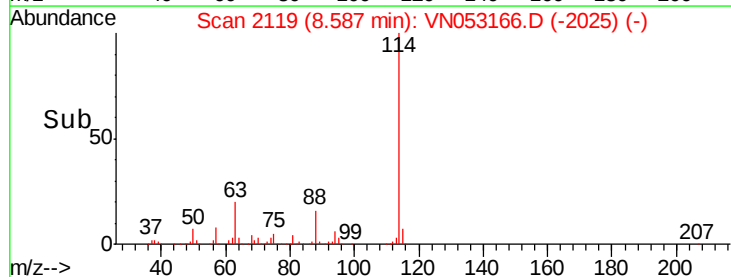
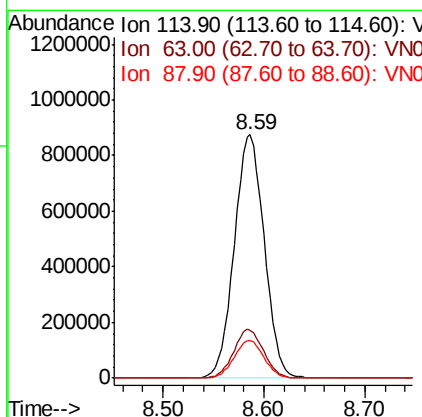
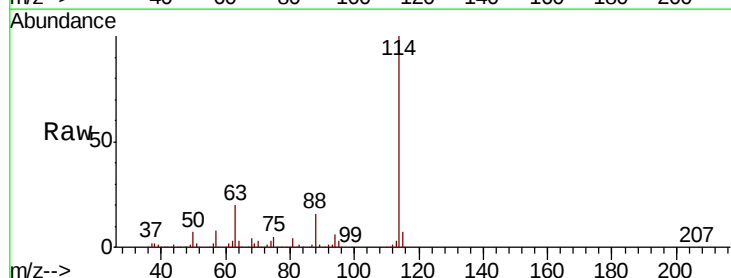
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS023-0612-01ME

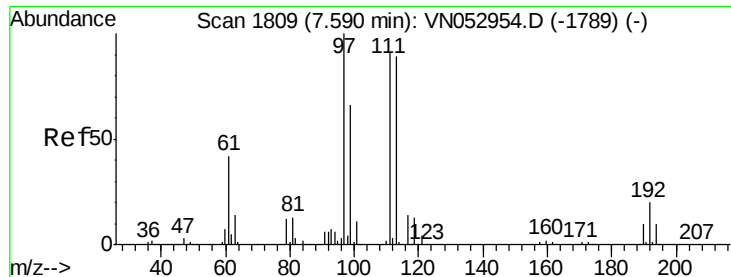
Tot Ion: 65 Resp: 573403
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053166.D
 Acq: 23 Dec 2018 7:00

Tgt Ion: 114 Resp: 1803544
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.6 0.0 31.0

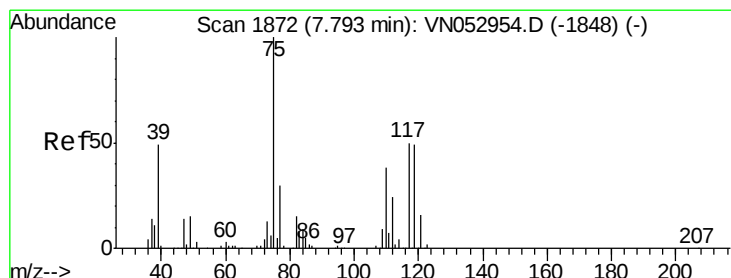
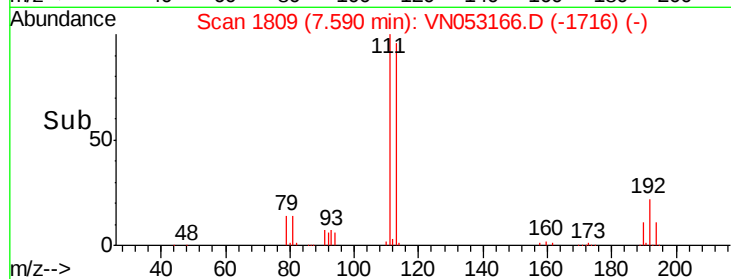
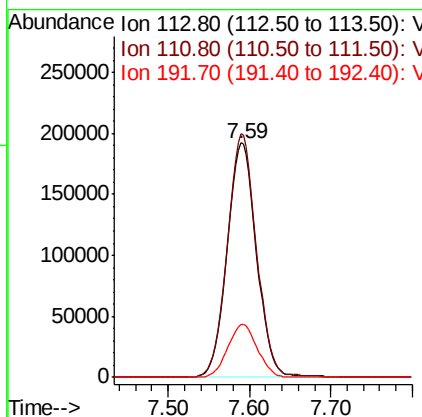
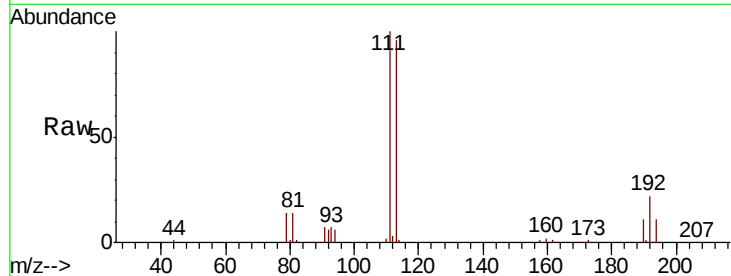




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053166.D
 Acq: 23 Dec 2018 7:00

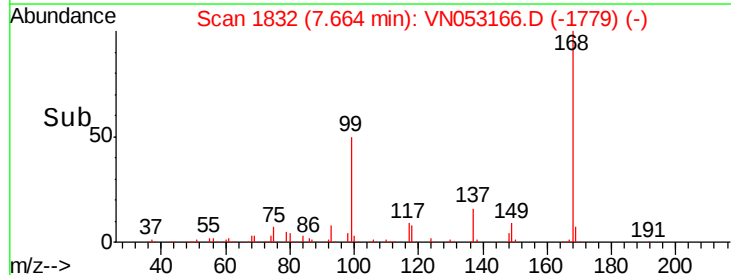
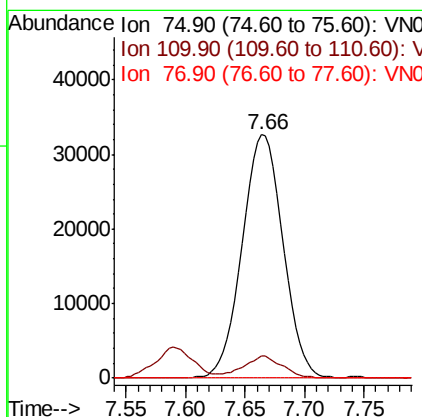
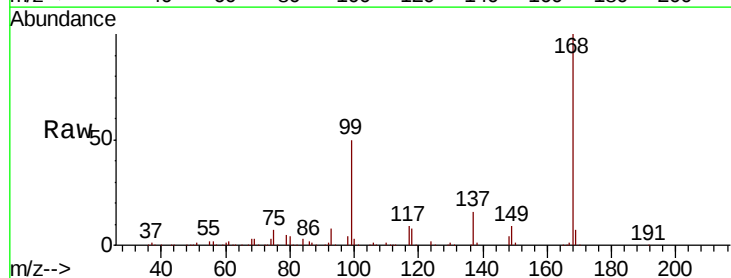
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS023-0612-01ME

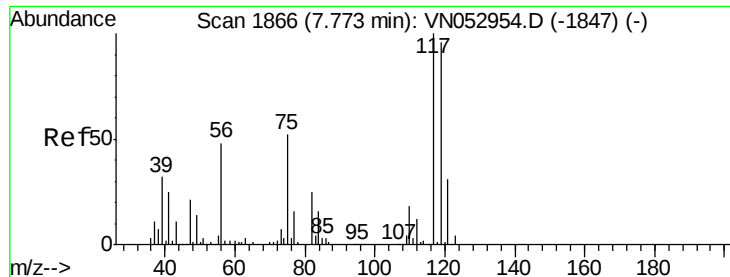
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.0	124.4
192	22.7	17.5	26.3



#36
 1,1-Dichloropropene
 Concen: 4.492 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053166.D
 Acq: 23 Dec 2018 7:00

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.2	54.6#
77	0.0	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 6.362 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053166.D

Acq: 23 Dec 2018 7:00

Instrument :

MSVOA_N

ClientSampleId :

P001-SS023-0612-01ME

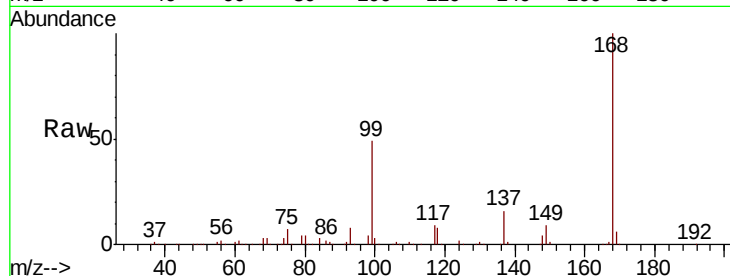
Tot Ion:117 Resp: 100941

Ion Ratio Lower Upper

117 100

119 5.3 77.1 115.7#

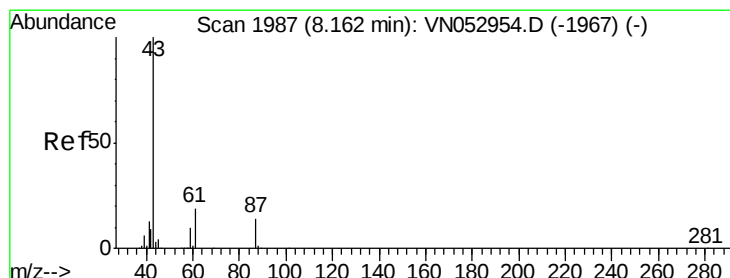
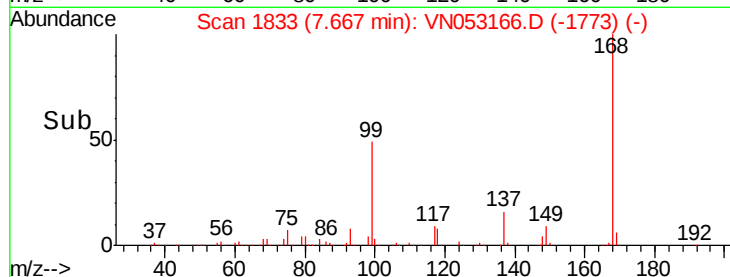
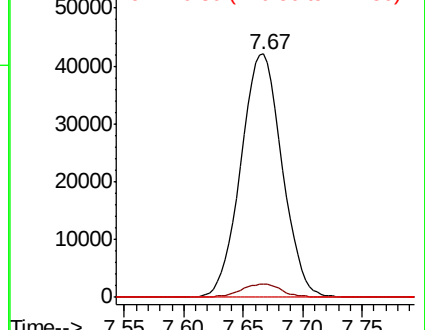
121 0.0 24.9 37.3#



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: 1.426 ug/l

RT: 8.30 min Scan# 2030

Delta R.T. 0.14 min

Lab File: VN053166.D

Acq: 23 Dec 2018 7:00

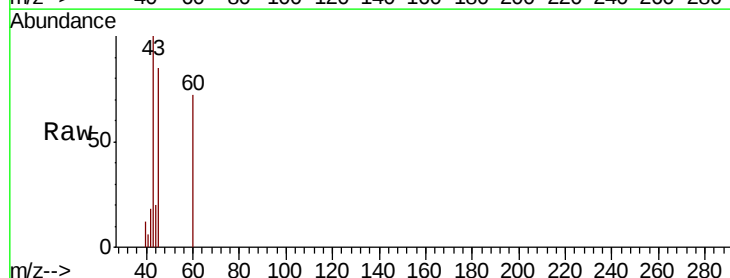
Tgt Ion: 43 Resp: 45636

Ion Ratio Lower Upper

43 100

61 0.0 22.9 34.3#

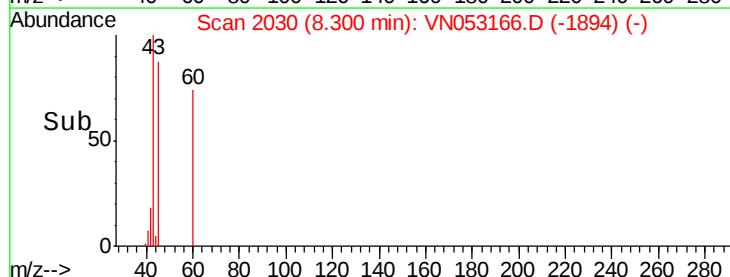
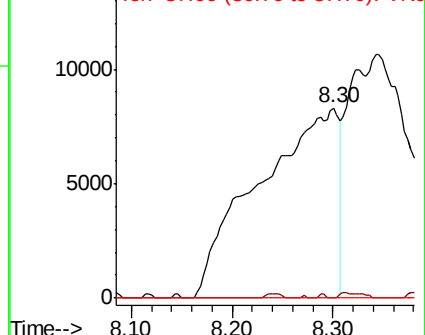
87 0.0 10.6 15.8#

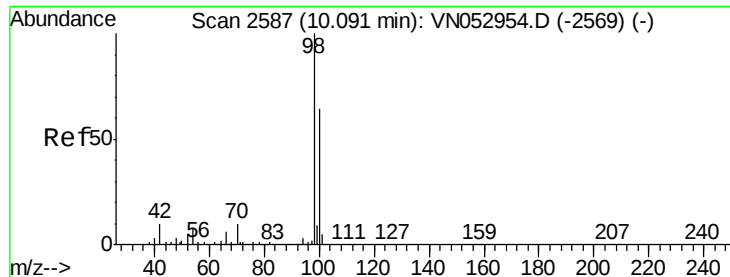


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053166.D

Acq: 23 Dec 2018 7:00

Instrument :

MSVOA_N

ClientSampleId :

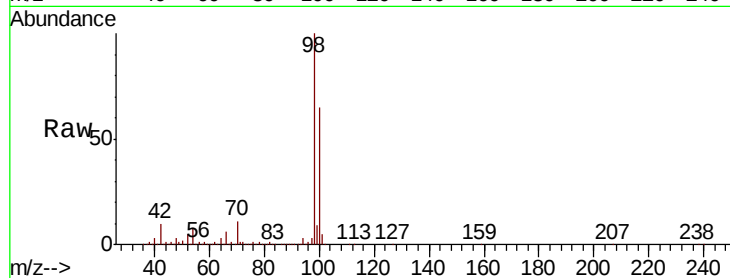
P001-SS023-0612-01ME

Tot Ion: 98 Resp: 2196060

Ion Ratio Lower Upper

98 100

100 65.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN052954.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN052954.D (-2569) (-)

10.09

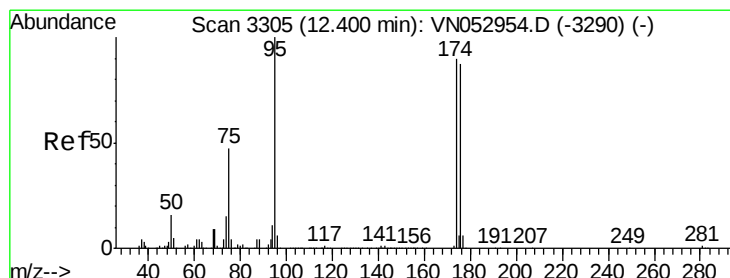
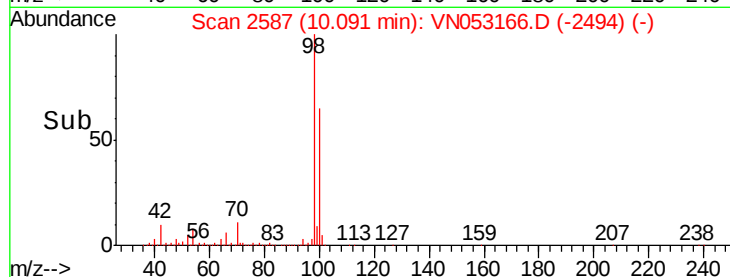
1000000

500000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053166.D

Acq: 23 Dec 2018 7:00

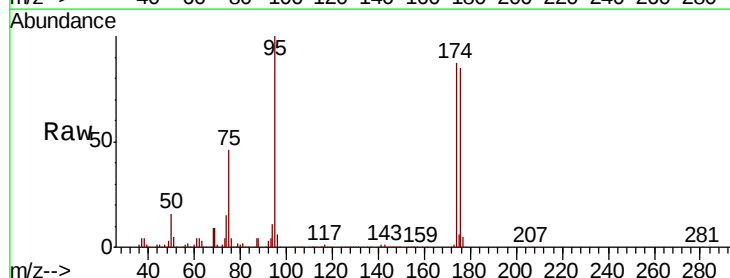
Tgt Ion: 95 Resp: 727295

Ion Ratio Lower Upper

95 100

174 89.0 0.0 178.8

176 86.4 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN052954.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN052954.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN052954.D (-3290) (-)

600000

500000

400000

300000

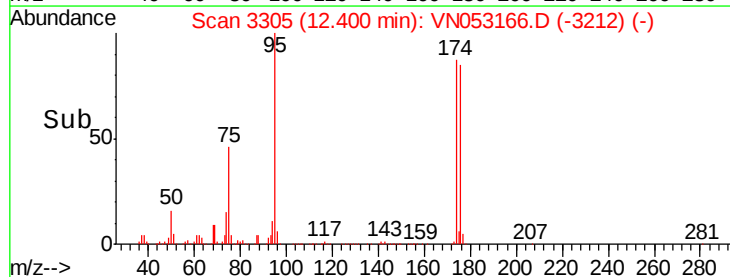
200000

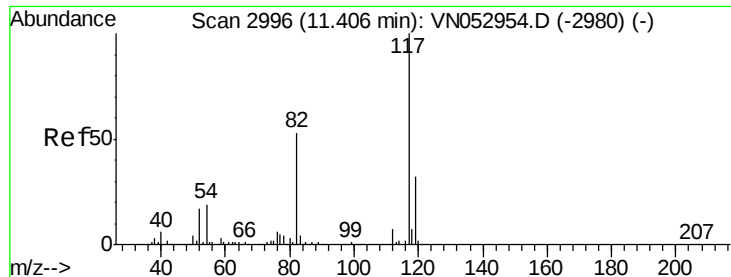
100000

0

Time-->

12.30 12.40 12.50

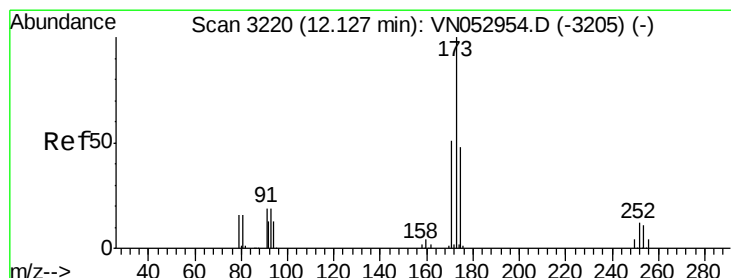
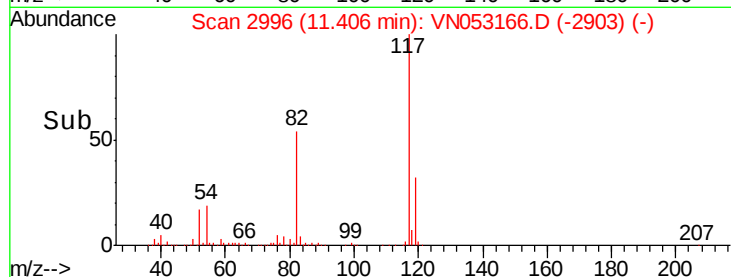
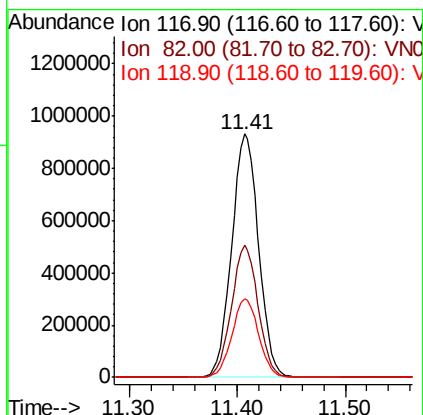
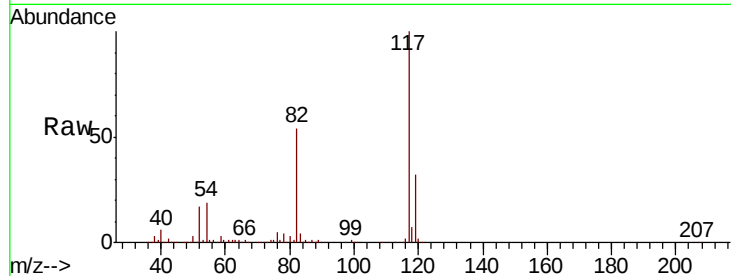




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053166.D
Acq: 23 Dec 2018 7:00

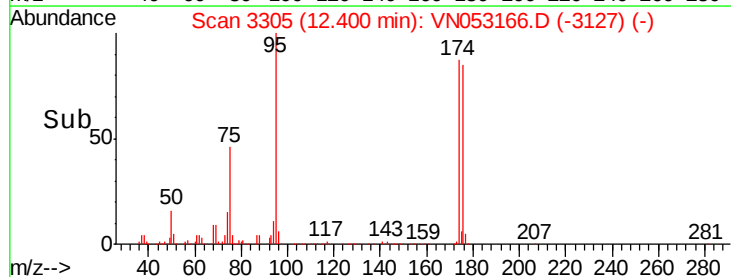
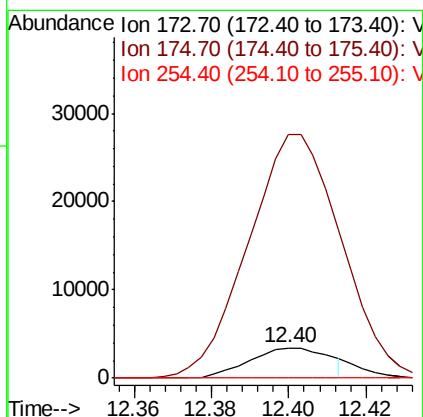
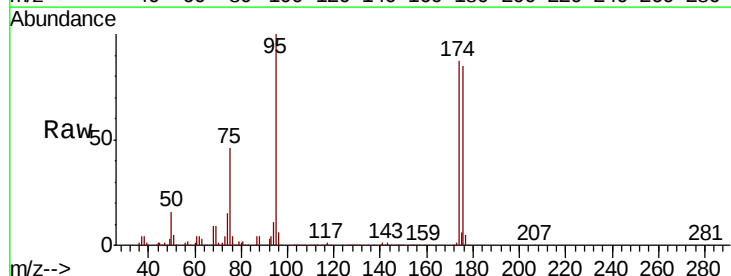
Instrument :
MSVOA_N
ClientSampleId :
P001-SS023-0612-01ME

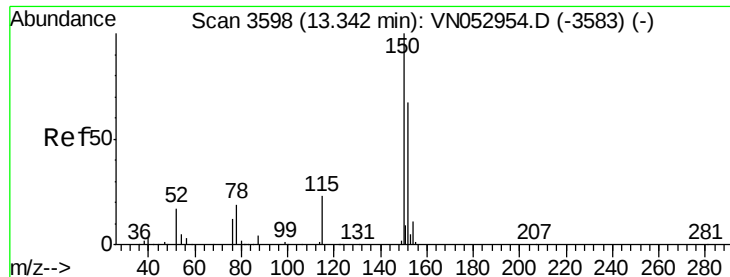
Tot Ion:117 Resp: 1616262
Ion Ratio Lower Upper
117 100
82 54.1 42.8 64.2
119 32.2 25.5 38.3



#71
Bromoform
Concen: 0.542 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN053166.D
Acq: 23 Dec 2018 7:00

Tgt Ion:173 Resp: 4874
Ion Ratio Lower Upper
173 100
175 828.6 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: VN053166.D

Acq: 23 Dec 2018 7:00

Instrument :

MSVOA_N

ClientSampleId :

P001-SS023-0612-01ME

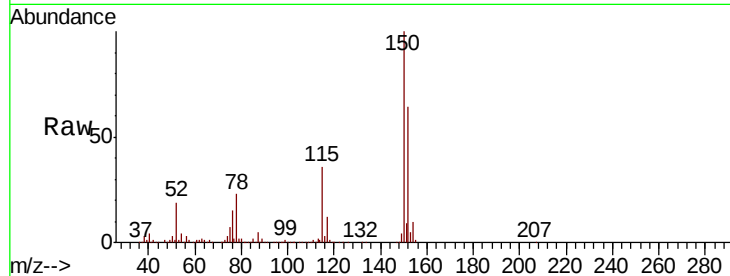
Tot Ion:152 Resp: 643822

Ion Ratio Lower Upper

152 100

115 55.9 28.3 85.0

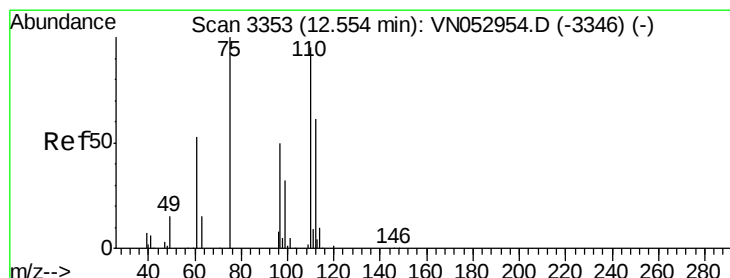
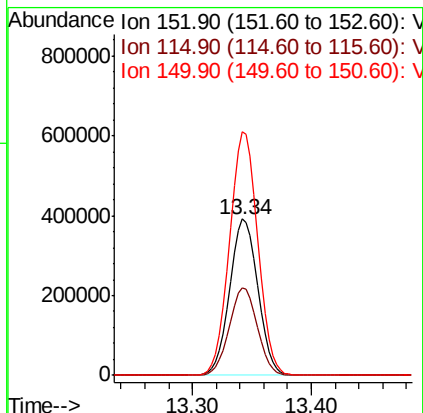
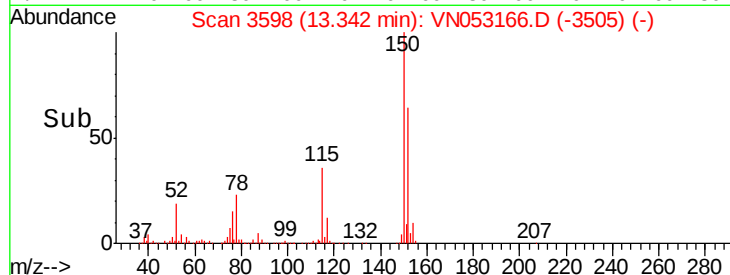
150 155.5 0.0 347.8



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: 30.923 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053166.D

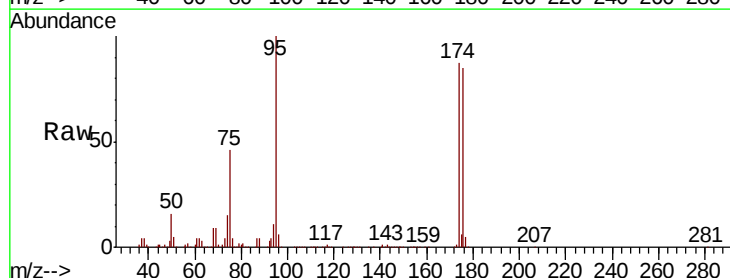
Acq: 23 Dec 2018 7:00

Tgt Ion: 75 Resp: 335149

Ion Ratio Lower Upper

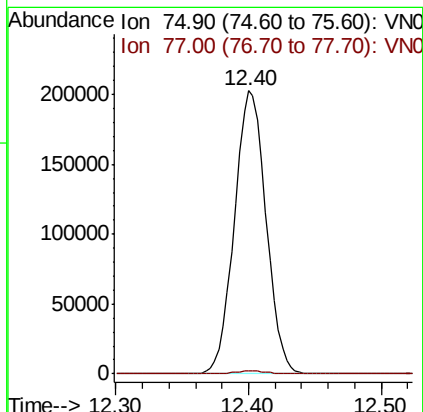
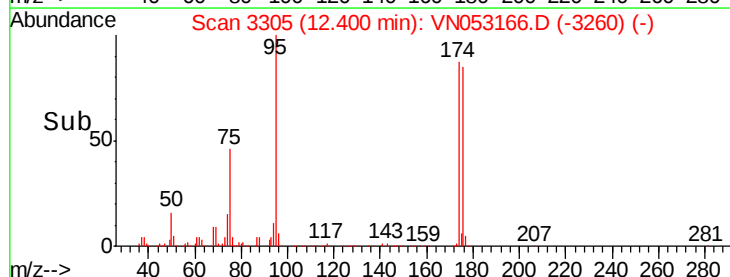
75 100

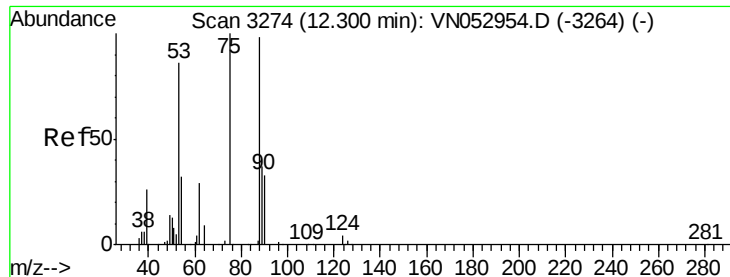
77 1.0 0.0 0.0#



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: 99.669 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053166.D

Acq: 23 Dec 2018 7:00

Instrument :

MSVOA_N

ClientSampleId :

P001-SS023-0612-01ME

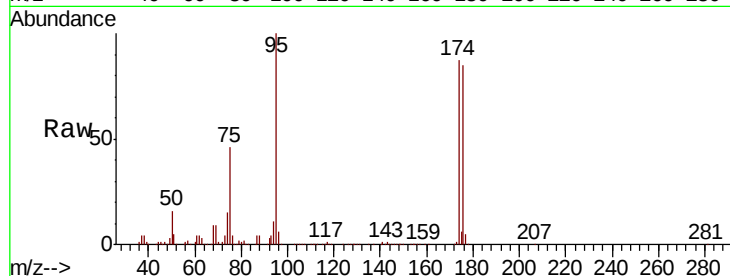
Tot Ion: 75 Resp: 335149

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

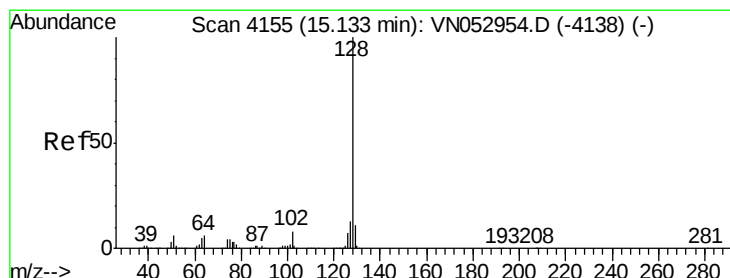
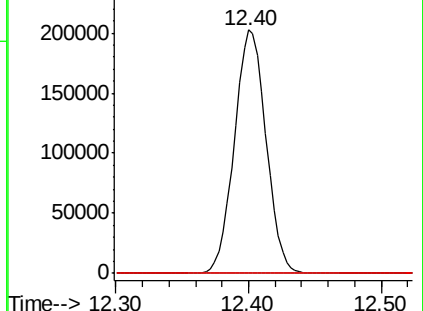
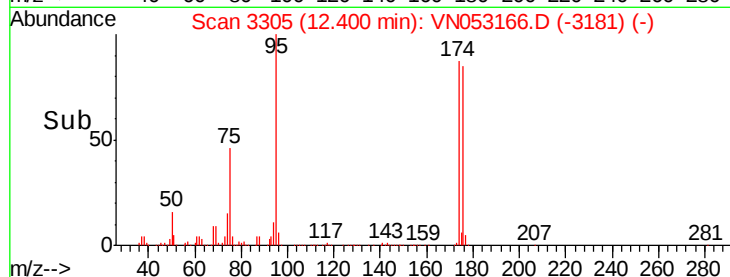
89 0.0 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VN053166.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN053166.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN053166.D (-3181) (-)



#95

Naphthalene

Concen: 1.159 ug/l

RT: 15.14 min Scan# 4157

Delta R.T. 0.01 min

Lab File: VN053166.D

Acq: 23 Dec 2018 7:00

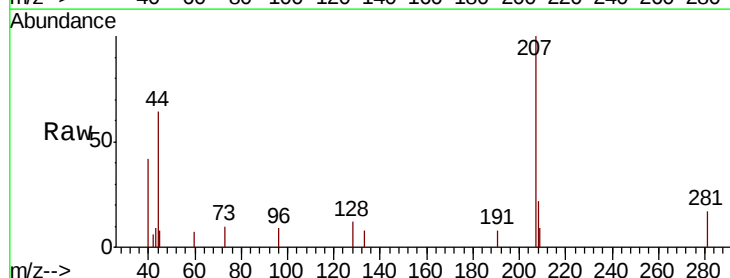
Tgt Ion: 128 Resp: 325

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): VN053166.D (-4062) (-)

Ion 127.00 (126.70 to 127.70): VN053166.D (-4062) (-)

Ion 129.00 (128.70 to 129.70): VN053166.D (-4062) (-)

