

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122218\
 Data File : VN053156.D
 Acq On : 23 Dec 2018 2:33
 Operator : MD\SY
 Sample : J6446-09ME 10X
 Misc : 3.33g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 36 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS021-0612-01ME

Quant Time: Dec 23 23:13:13 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	1208971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1872211	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1703433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	718223	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	591248	48.19	ug/l	0.00
Spiked Amount			Recovery	=	96.38%	
35) Dibromofluoromethane	7.59	113	492104	57.54	ug/l	0.00
Spiked Amount			Recovery	=	115.08%	
50) Toluene-d8	10.09	98	2302013	50.14	ug/l	0.00
Spiked Amount			Recovery	=	100.28%	
62) 4-Bromofluorobenzene	12.40	95	786435	48.79	ug/l	0.00
Spiked Amount			Recovery	=	97.58%	

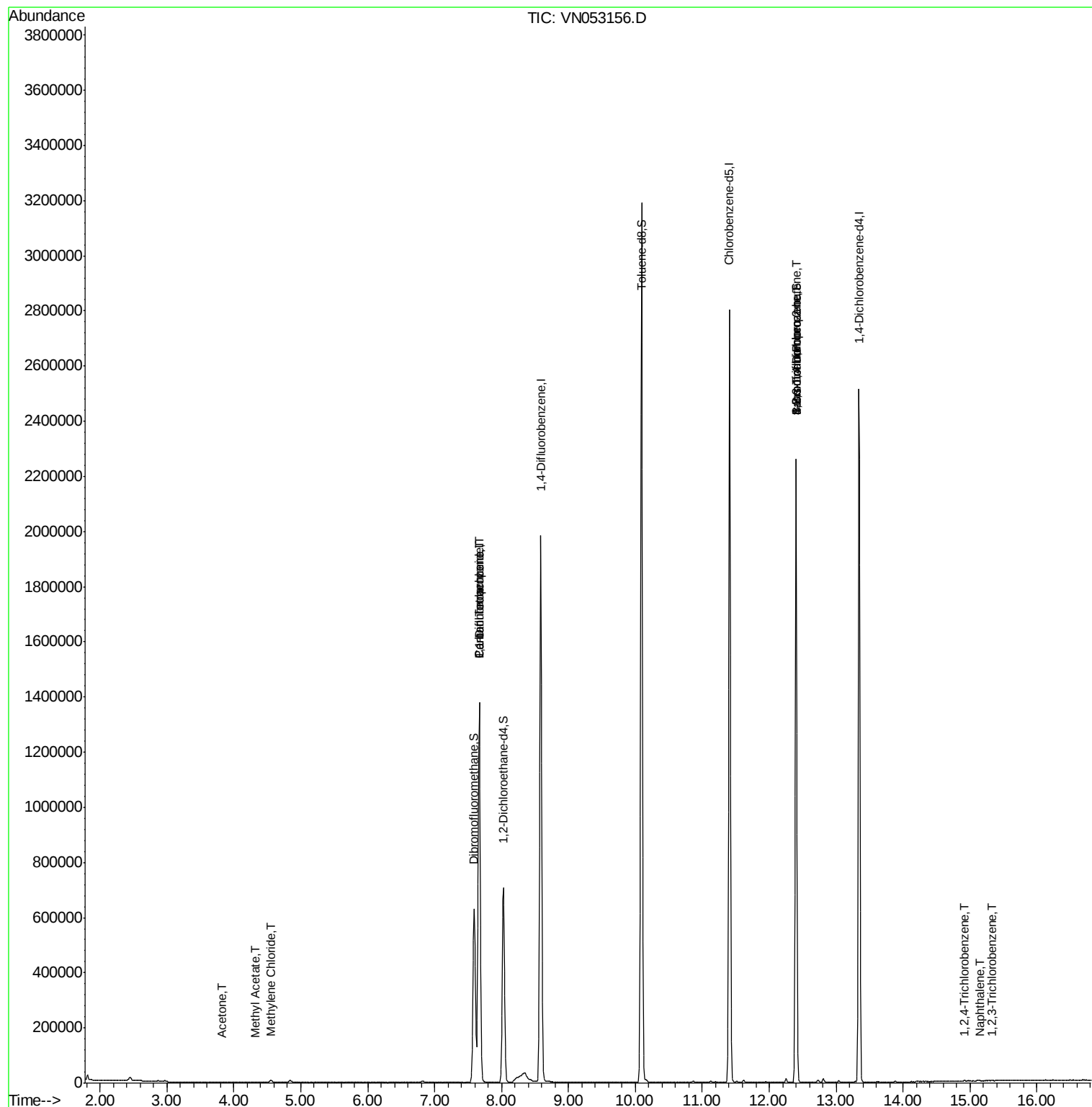
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	1524	0.634	ug/l #	43
18) Methyl Acetate	4.33	43	2602	1.226	ug/l #	75
20) Methylene Chloride	4.55	84	6616	0.504	ug/l	95
31) Cyclohexane	7.67	56	19769	Below Cal	#	1
36) 1,1-Dichloropropene	7.67	75	79982	4.451	ug/l #	48
38) Carbon Tetrachloride	7.66	117	106750	6.481	ug/l #	15
43) Isopropyl Acetate	8.22	43	14275	Below Cal	#	53
71) Bromoform	12.40	173	5057	0.533	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	367846	30.424	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	367846	98.061	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.92	180	450	0.631	ug/l #	24
95) Naphthalene	15.14	128	1617	1.203	ug/l #	78
96) 1,2,3-Trichlorobenzene	15.31	180	105	0.517	ug/l #	1

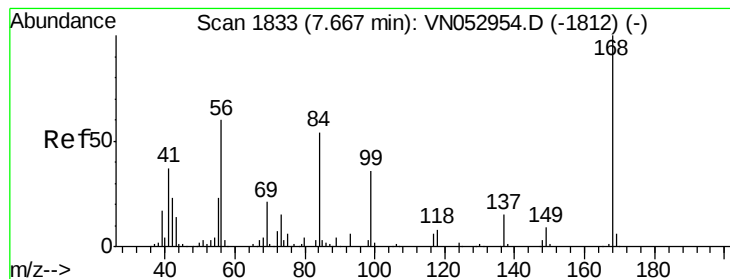
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN122218\
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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: VN053156.D

Acq: 23 Dec 2018 2:33

Instrument :

MSVOA_N

ClientSampleId :

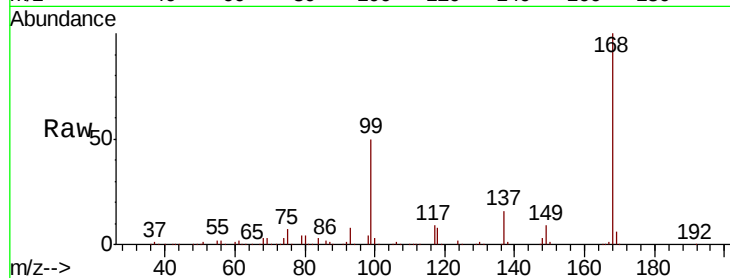
P001-SS021-0612-01ME

Tot Ion:168 Resp: 1208971

Ion Ratio Lower Upper

168 100

99 49.9 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) (-)

7.67

600000

500000

400000

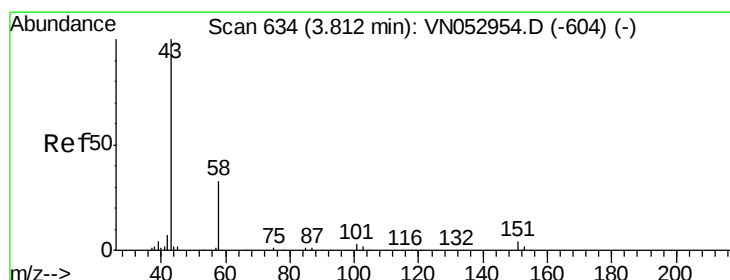
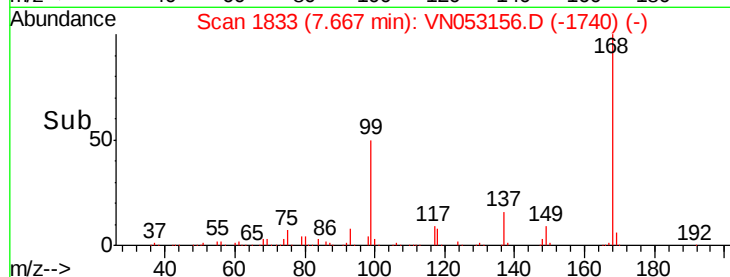
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 0.634 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053156.D

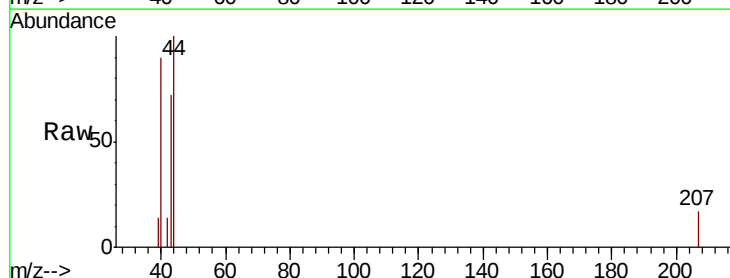
Acq: 23 Dec 2018 2:33

Tgt Ion: 43 Resp: 1524

Ion Ratio Lower Upper

43 100

58 0.0 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

1000

800

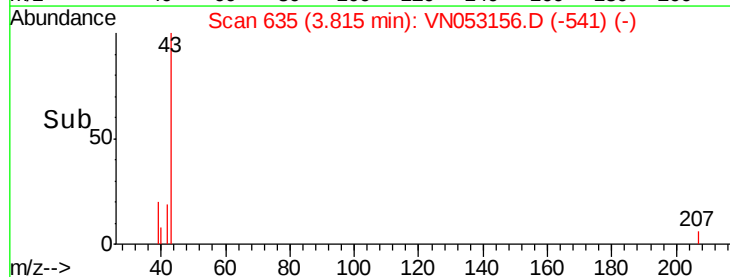
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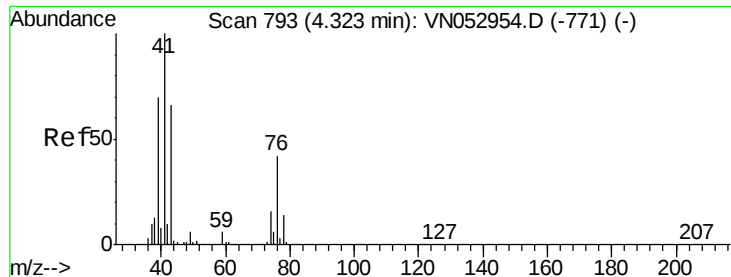
400

200

0

Time--> 3.76 3.78 3.80 3.82 3.84

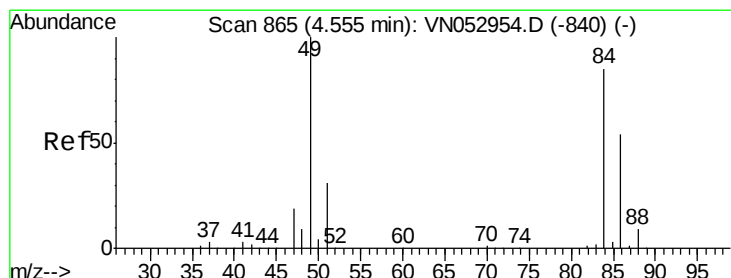
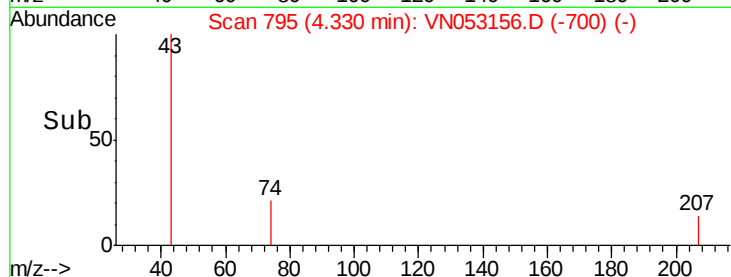
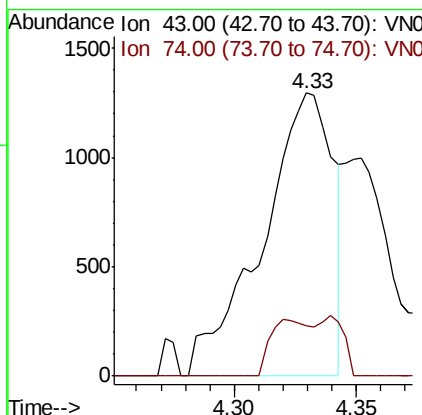
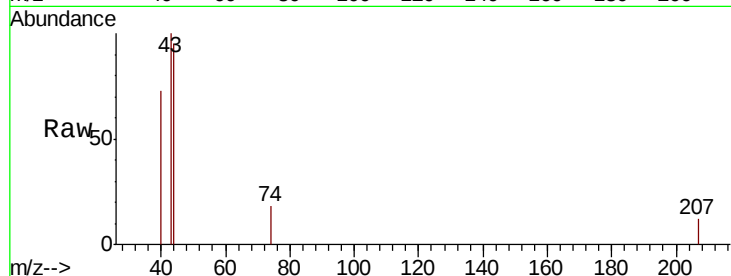




#18
Methyl Acetate
Concen: 1.226 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN053156.D
Acq: 23 Dec 2018 2:33

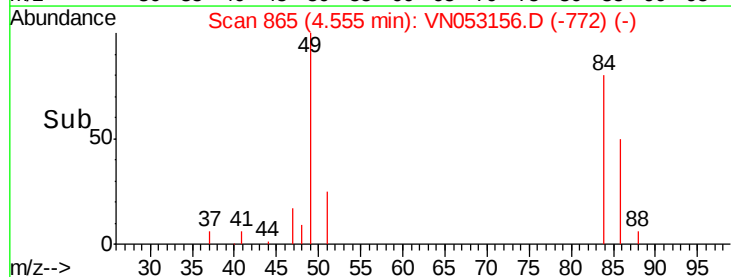
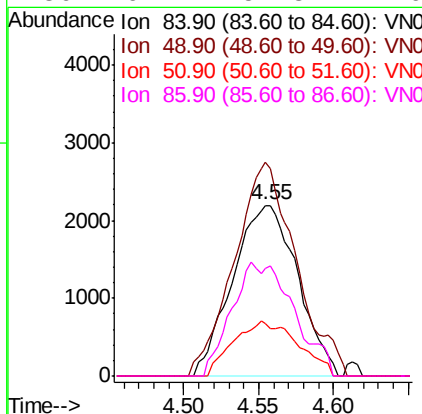
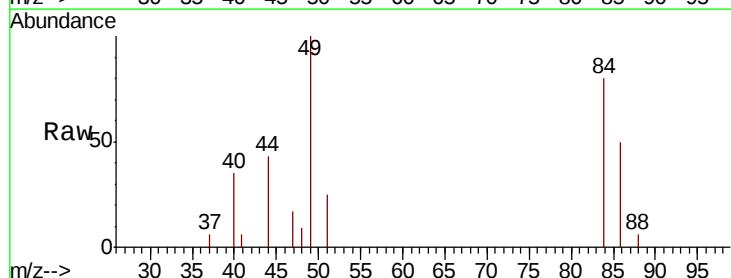
Instrument :
MSVOA_N
ClientSampleId :
P001-SS021-0612-01ME

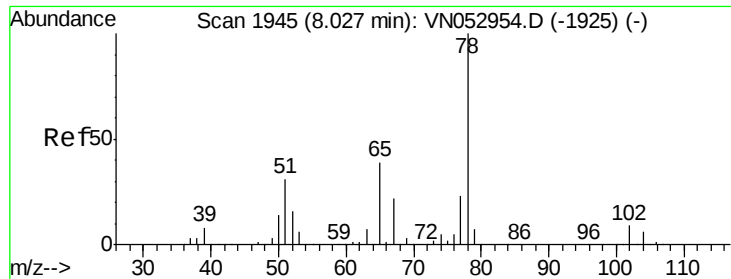
Tot Ion: 43 Resp: 2602
Ion Ratio Lower Upper
43 100
74 11.8 19.2 28.8#



#20
Methylene Chloride
Concen: 0.504 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053156.D
Acq: 23 Dec 2018 2:33

Tgt Ion: 84 Resp: 6616
Ion Ratio Lower Upper
84 100
49 125.1 96.8 145.2
51 30.8 29.9 44.9
86 62.7 51.8 77.6

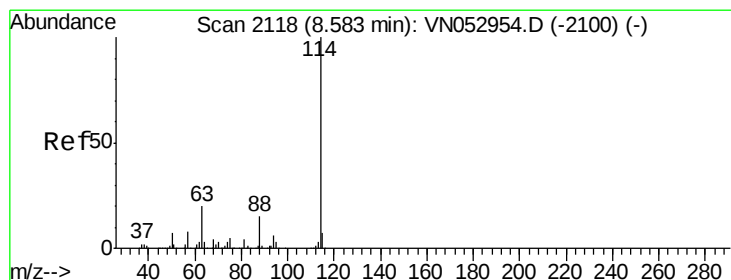
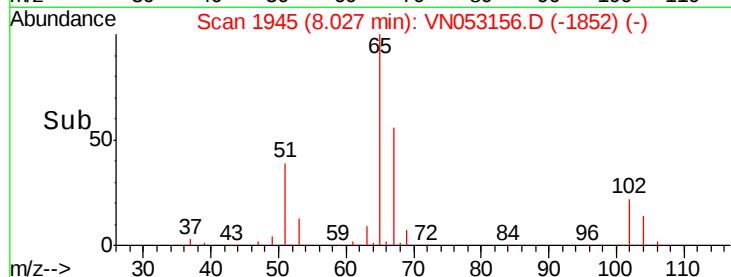
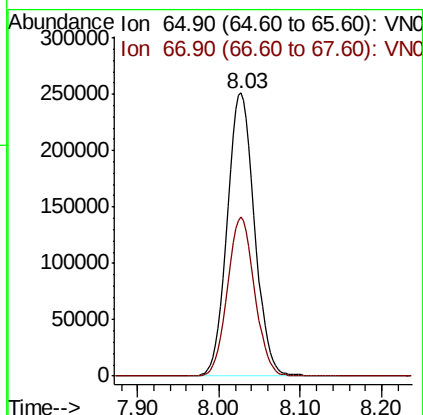
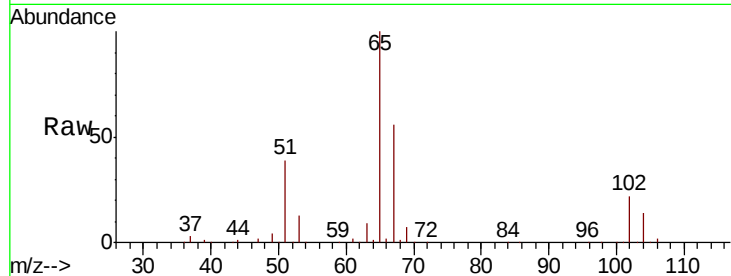




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053156.D
 Acq: 23 Dec 2018 2:33

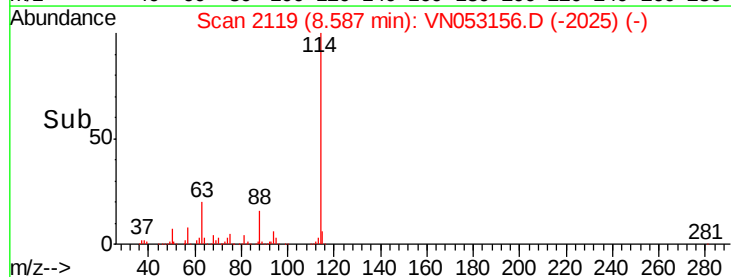
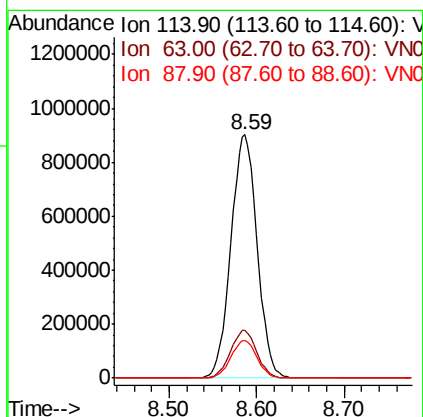
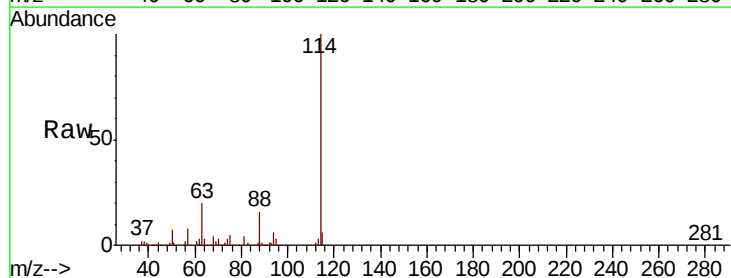
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS021-0612-01ME

Tot Ion: 65 Resp: 591248
 Ion Ratio Lower Upper
 65 100
 67 55.8 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: VN053156.D
 Acq: 23 Dec 2018 2:33

Tgt Ion: 114 Resp: 1872211
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.8
 88 15.5 0.0 31.0

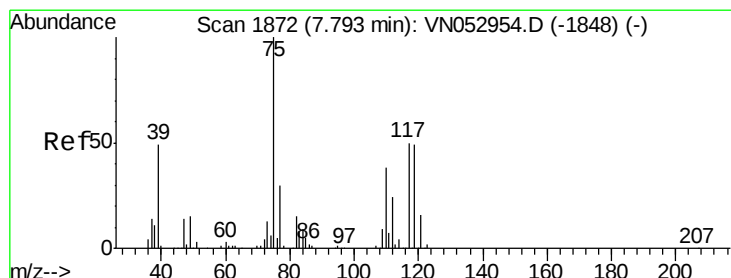
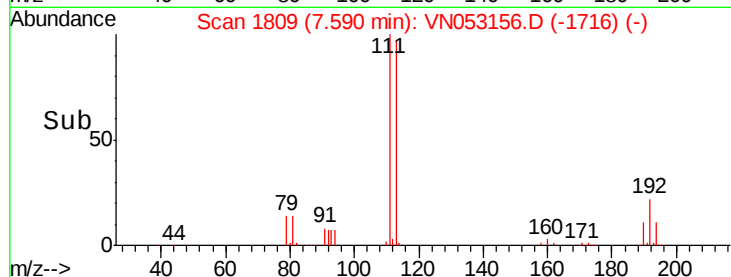
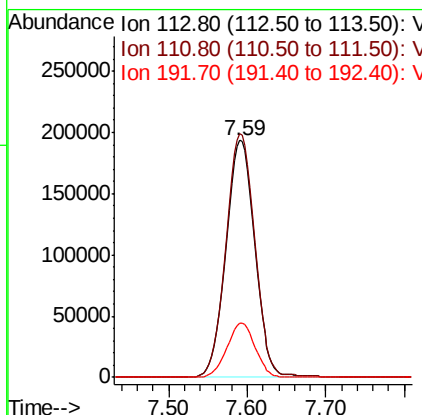
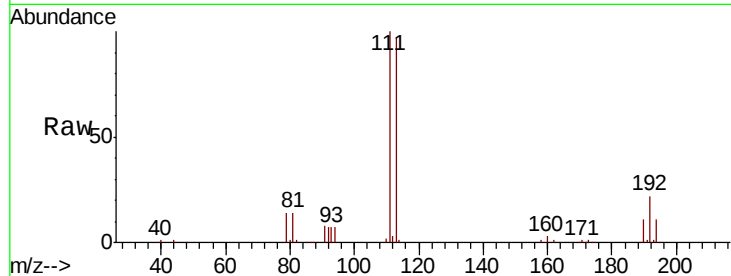




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053156.D
 Acq: 23 Dec 2018 2:33

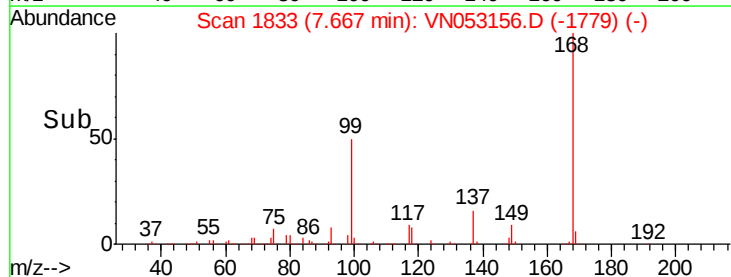
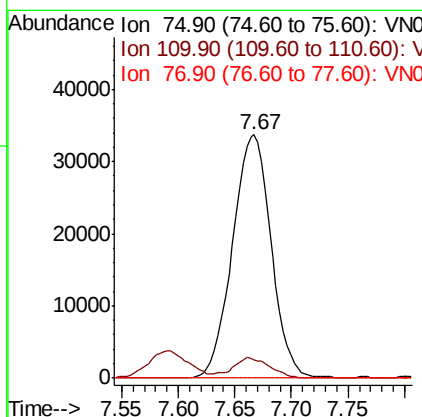
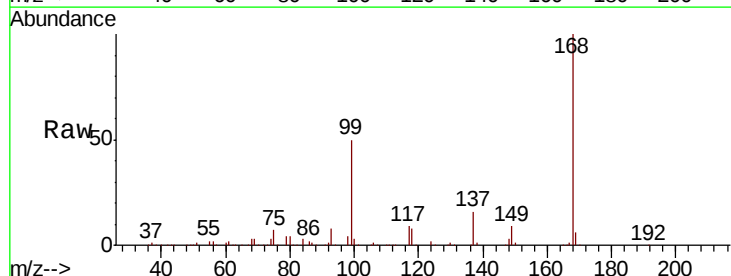
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS021-0612-01ME

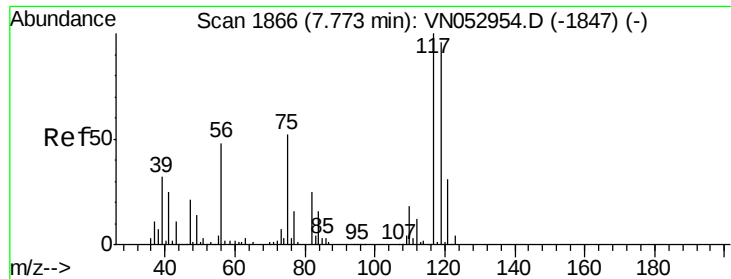
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.0	124.4
192	22.4	17.5	26.3



#36
 1,1-Dichloropropene
 Concen: 4.451 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053156.D
 Acq: 23 Dec 2018 2:33

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.1	18.2	54.6#
77	0.0	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 6.481 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN053156.D

Acq: 23 Dec 2018 2:33

Instrument :

MSVOA_N

ClientSampleId :

P001-SS021-0612-01ME

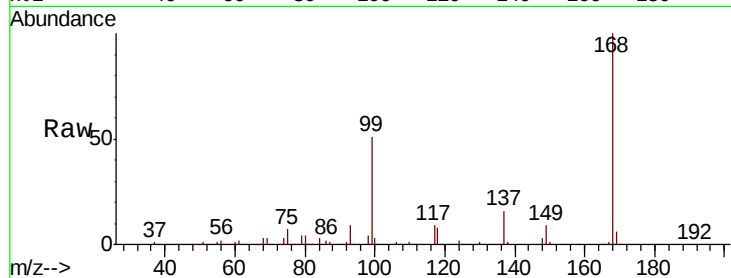
Tot Ion:117 Resp: 106750

Ion Ratio Lower Upper

117 100

119 4.3 77.1 115.7#

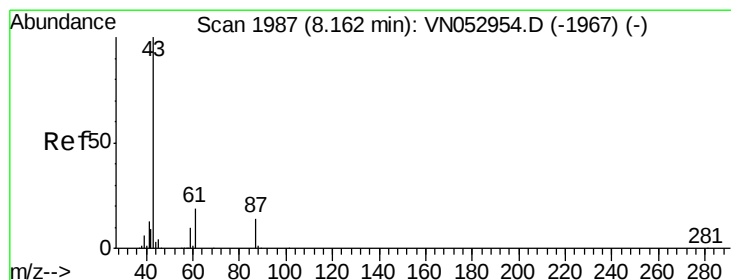
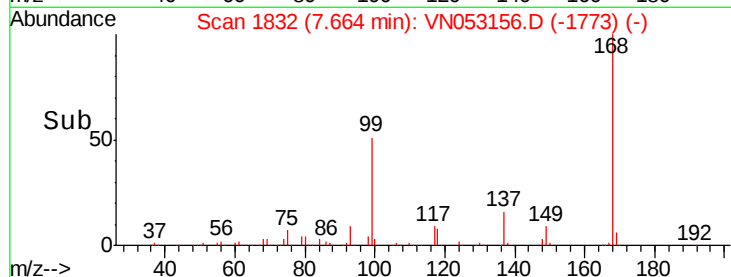
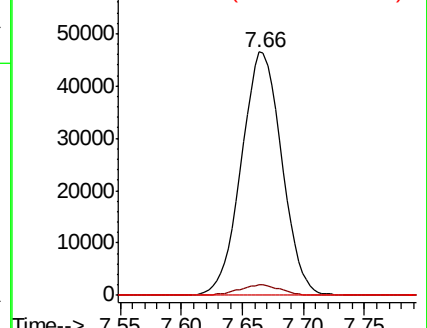
121 0.0 24.9 37.3#



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: Below Cal

RT: 8.22 min Scan# 2005

Delta R.T. 0.06 min

Lab File: VN053156.D

Acq: 23 Dec 2018 2:33

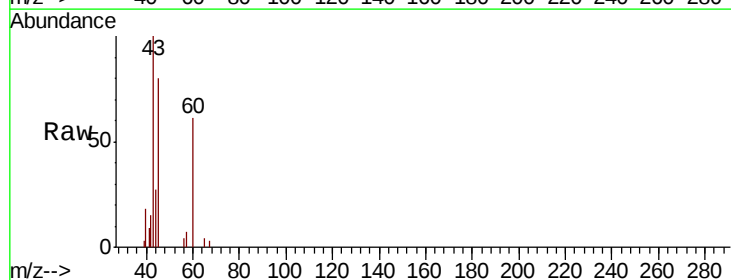
Tgt Ion: 43 Resp: 14275

Ion Ratio Lower Upper

43 100

61 0.0 22.9 34.3#

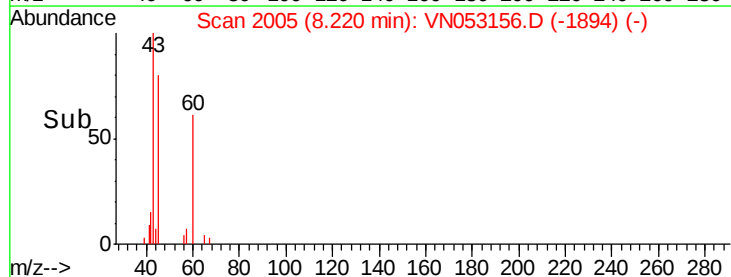
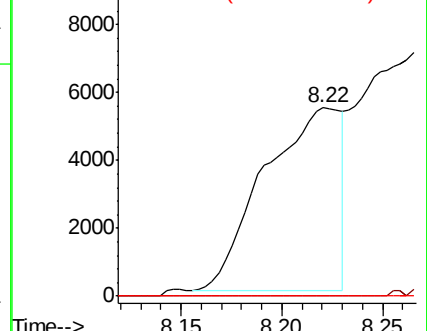
87 0.0 10.6 15.8#

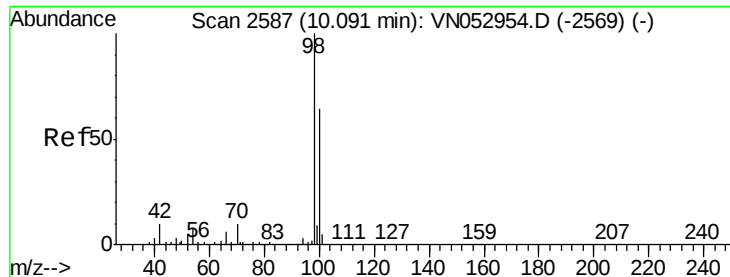


Abundance Ion 43.00 (42.70 to 43.70): V

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: VN053156.D

Acq: 23 Dec 2018 2:33

Instrument :

MSVOA_N

ClientSampleId :

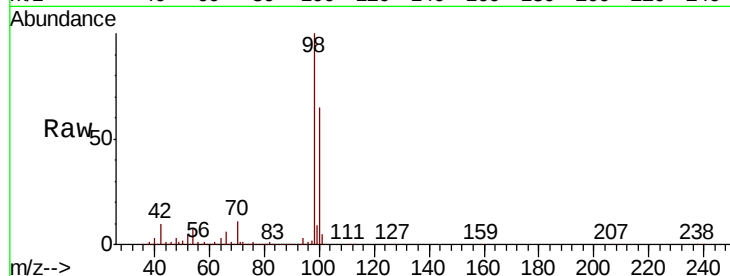
P001-SS021-0612-01ME

Tot Ion: 98 Resp: 2302013

Ion Ratio Lower Upper

98 100

100 64.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN053156.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053156.D (-2494) (-)

10.09

1500000

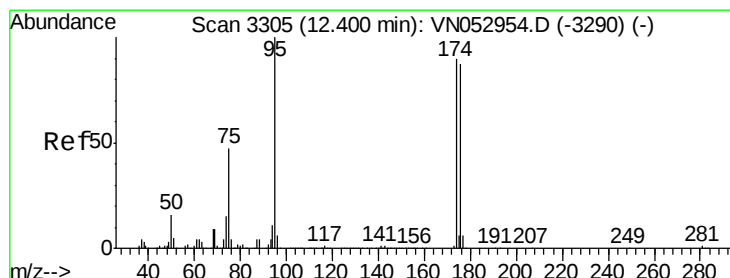
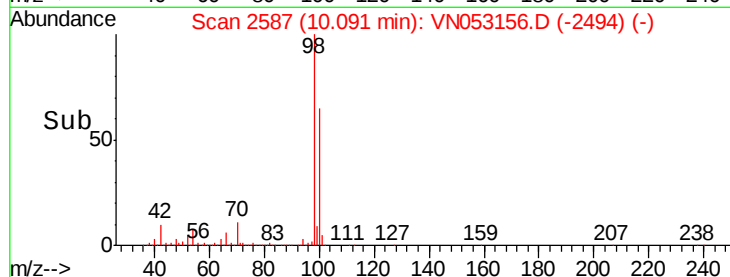
1000000

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: VN053156.D

Acq: 23 Dec 2018 2:33

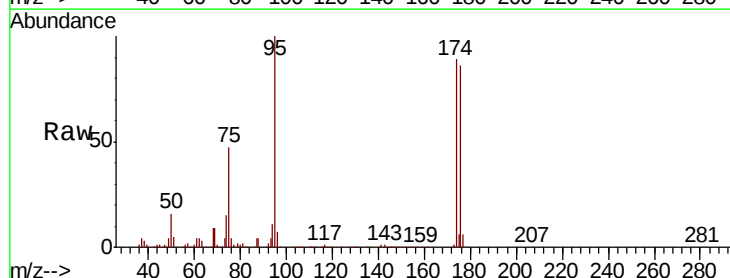
Tgt Ion: 95 Resp: 786435

Ion Ratio Lower Upper

95 100

174 89.4 0.0 178.8

176 86.9 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN053156.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN053156.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN053156.D (-3212) (-)

12.40

600000

500000

400000

300000

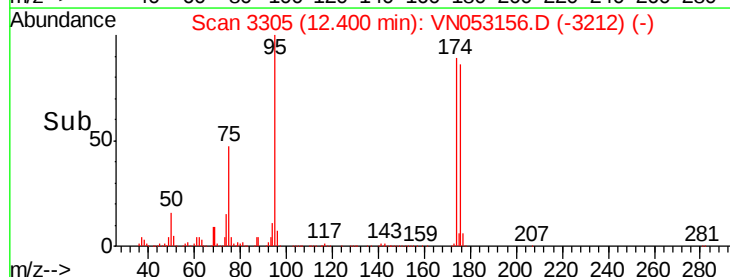
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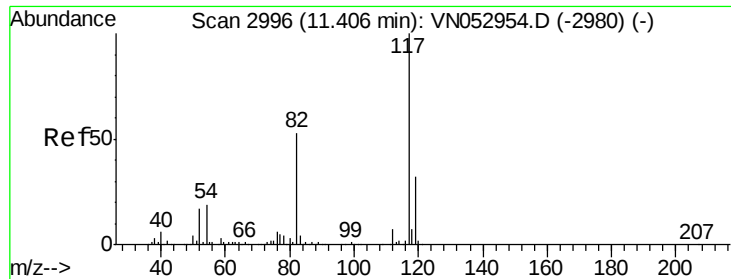
100000

0

Time-->

12.35 12.40 12.45 12.50

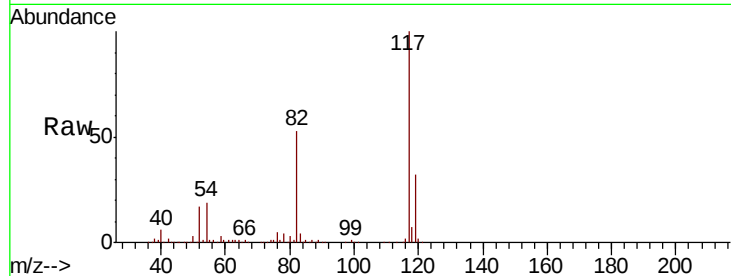




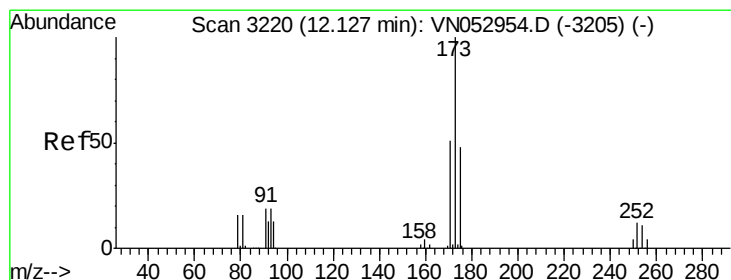
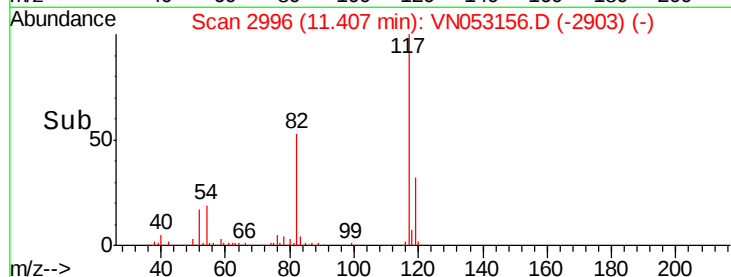
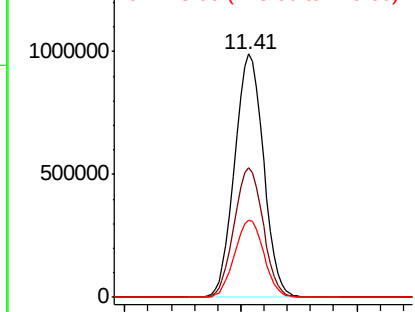
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053156.D
Acq: 23 Dec 2018 2:33

Instrument :
MSVOA_N
ClientSampleId :
P001-SS021-0612-01ME

Tot Ion:117 Resp: 1703433
Ion Ratio Lower Upper
117 100
82 53.3 42.8 64.2
119 31.9 25.5 38.3

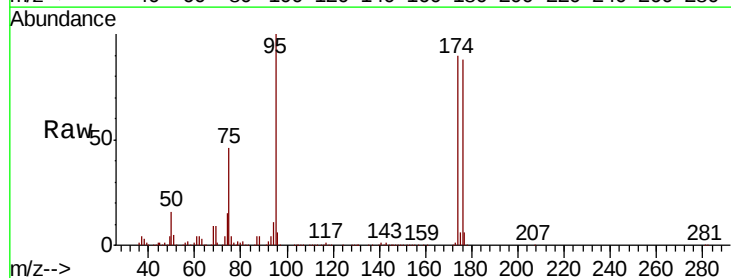


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

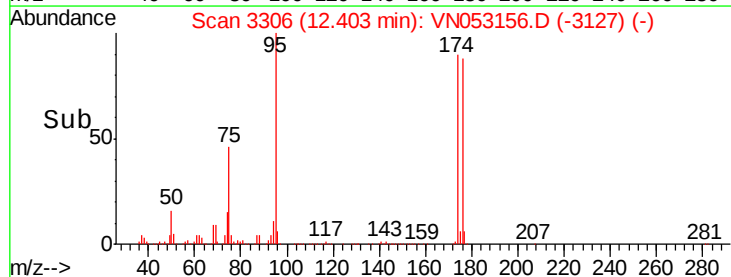
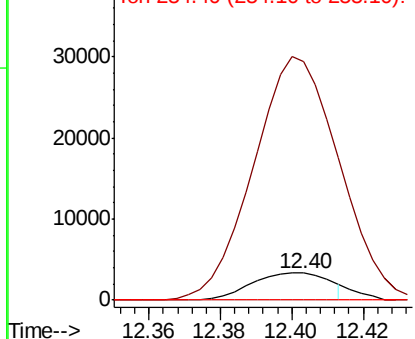


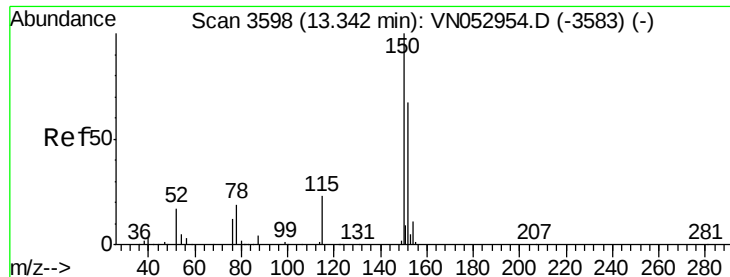
#71
Bromoform
Concen: 0.533 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN053156.D
Acq: 23 Dec 2018 2:33

Tgt Ion:173 Resp: 5057
Ion Ratio Lower Upper
173 100
175 871.0 24.3 72.9#
254 0.0 0.1 0.1#



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053156.D

Acq: 23 Dec 2018 2:33

Instrument :

MSVOA_N

ClientSampleId :

P001-SS021-0612-01ME

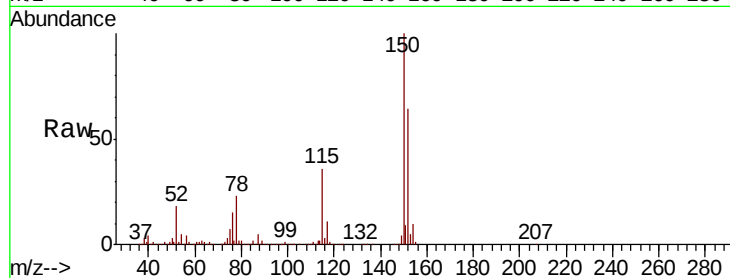
Tot Ion:152 Resp: 718223

Ion Ratio Lower Upper

152 100

115 56.3 28.3 85.0

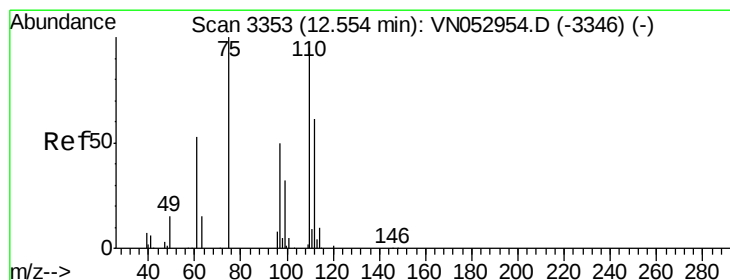
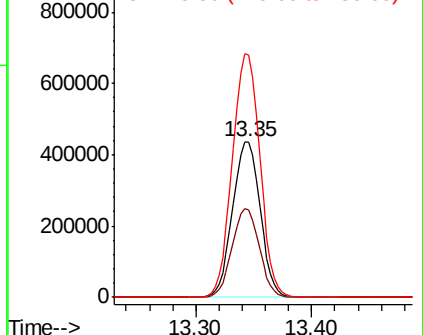
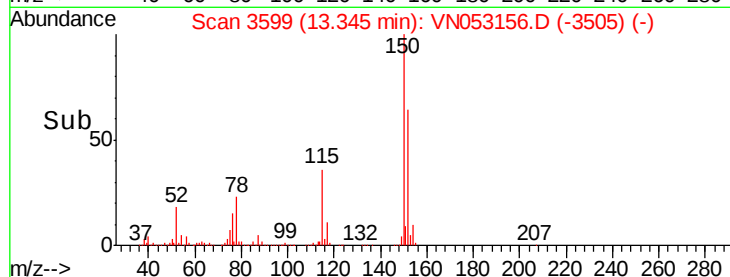
150 156.4 0.0 347.8



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: 30.424 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053156.D

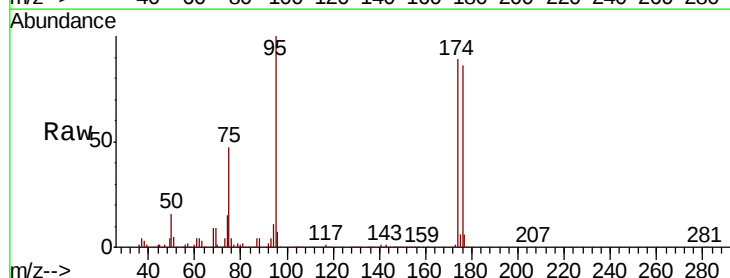
Acq: 23 Dec 2018 2:33

Tgt Ion: 75 Resp: 367846

Ion Ratio Lower Upper

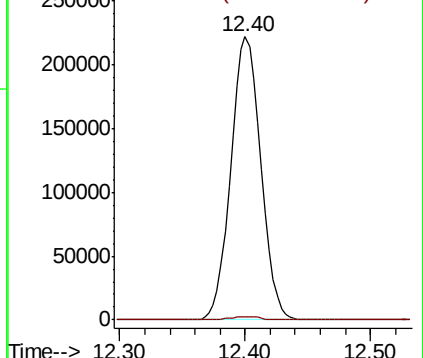
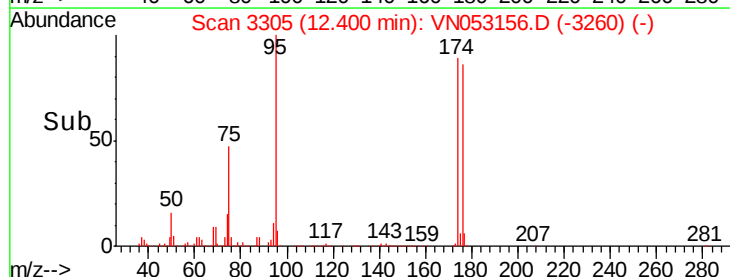
75 100

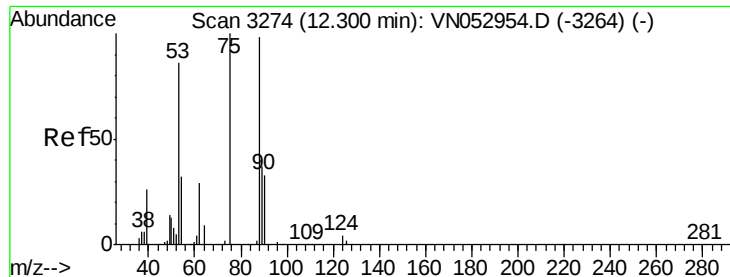
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#81

trans-1,4-Dichloro-2-butene

Concen: 98.061 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053156.D

Acq: 23 Dec 2018 2:33

Instrument:

MSVOA_N

ClientSampleId:

P001-SS021-0612-01ME

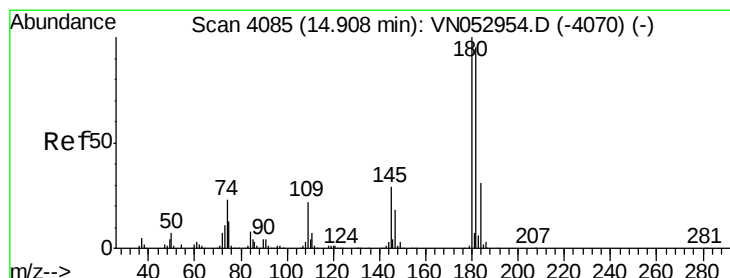
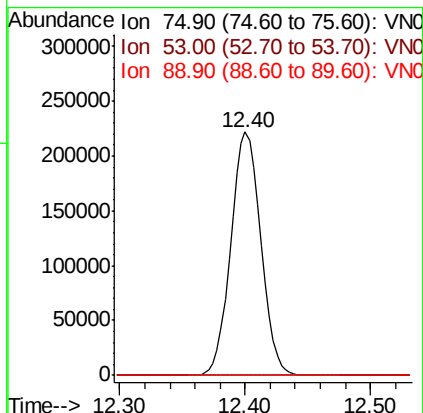
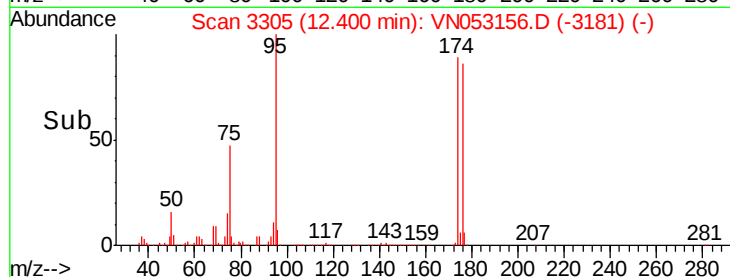
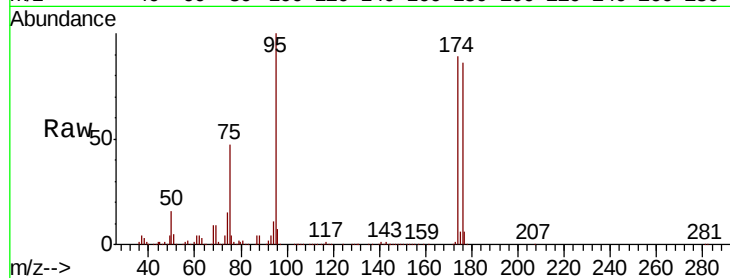
Tot Ion: 75 Resp: 367846

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

89 0.0 36.1 54.1#



#93

1,2,4-Trichlorobenzene

Concen: 0.631 ug/l

RT: 14.92 min Scan# 4088

Delta R.T. 0.01 min

Lab File: VN053156.D

Acq: 23 Dec 2018 2:33

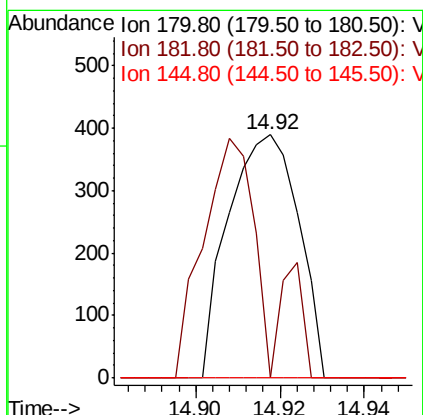
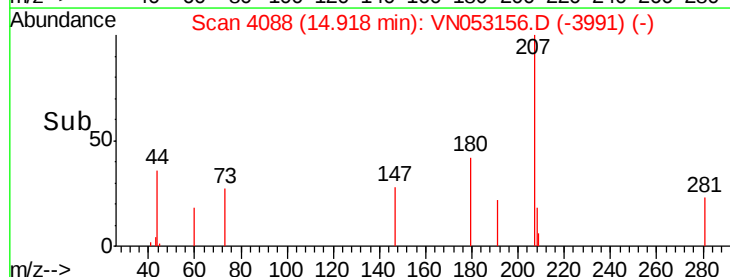
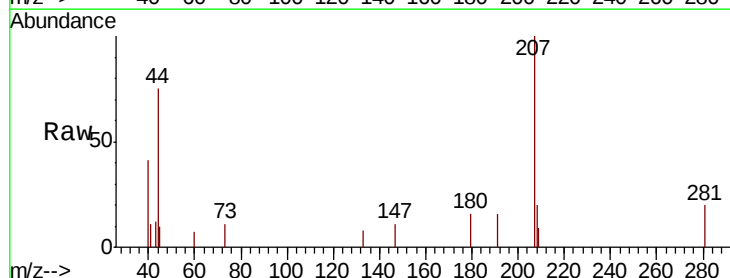
Tgt Ion: 180 Resp: 450

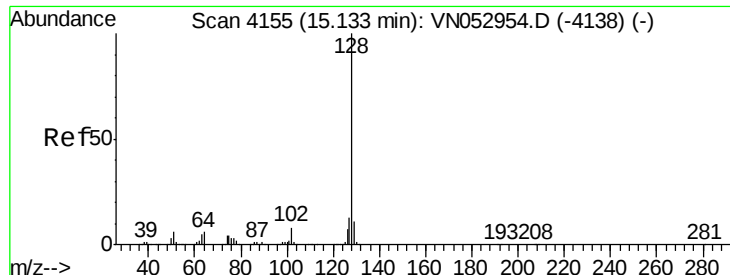
Ion Ratio Lower Upper

180 100

182 14.7 47.8 143.3#

145 0.0 14.2 42.6#





#95

Naphthalene

Concen: 1.203 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN053156.D

Acq: 23 Dec 2018 2:33

Instrument :

MSVOA_N

ClientSampleId :

P001-SS021-0612-01ME

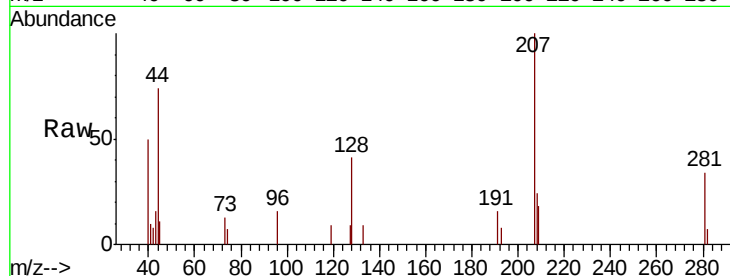
Tot Ion:128 Resp: 1617

Ion Ratio Lower Upper

128 100

127 6.2 10.2 15.4#

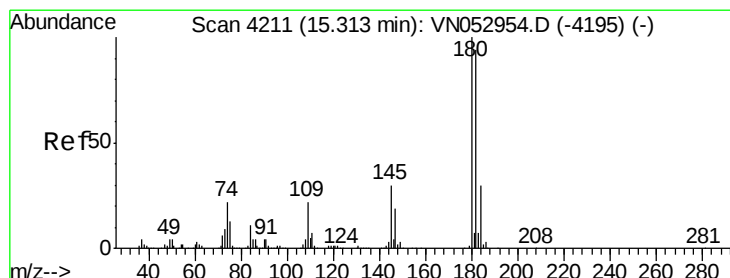
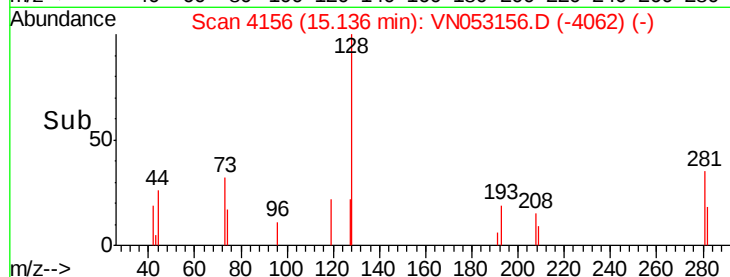
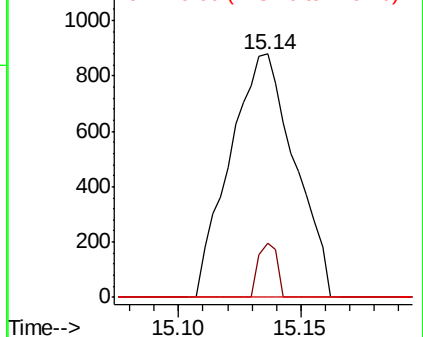
129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.517 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN053156.D

Acq: 23 Dec 2018 2:33

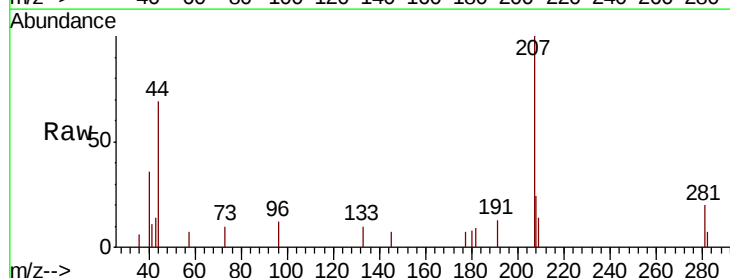
Tgt Ion:180 Resp: 105

Ion Ratio Lower Upper

180 100

182 273.3 47.9 143.7#

145 30.5 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

