

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122218\
 Data File : VN053161.D
 Acq On : 23 Dec 2018 4:46
 Operator : MD\SY
 Sample : J6446-14ME 10X
 Misc : 4.13g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 41 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS022-0612-01MS

Quant Time: Dec 23 23:14:18 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	1189403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1830347	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1662162	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	674785	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	576330	47.75	ug/l	0.00
Spiked Amount			Recovery	=	95.50%	
35) Dibromofluoromethane	7.59	113	491896	58.83	ug/l	0.00
Spiked Amount			Recovery	=	117.66%	
50) Toluene-d8	10.09	98	2246058	50.04	ug/l	0.00
Spiked Amount			Recovery	=	100.08%	
62) 4-Bromofluorobenzene	12.40	95	760661	48.27	ug/l	0.00
Spiked Amount			Recovery	=	96.54%	

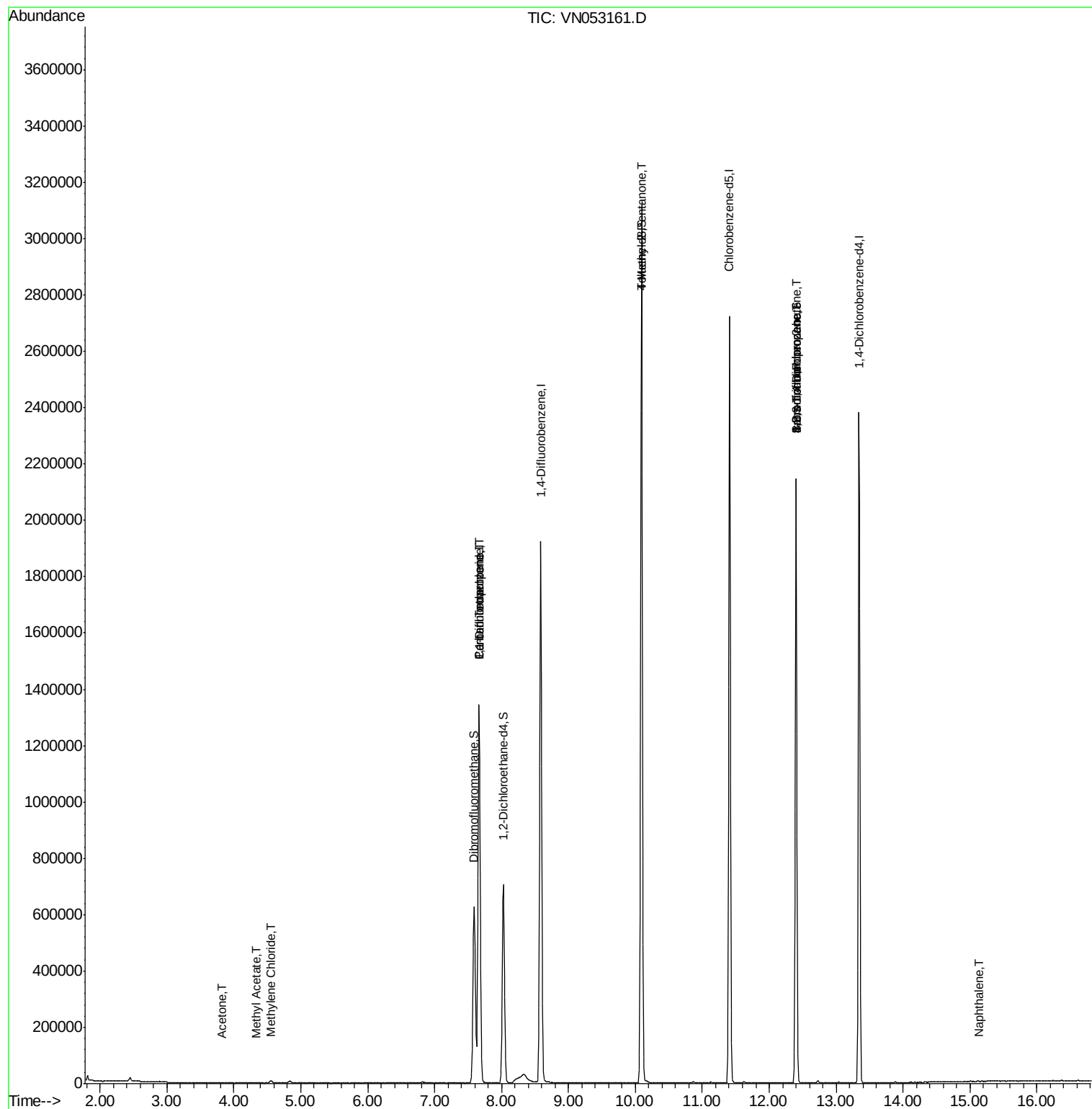
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	2331	0.985	ug/l #	86
18) Methyl Acetate	4.33	43	3487	1.310	ug/l #	82
20) Methylene Chloride	4.55	84	6009	0.465	ug/l	95
31) Cyclohexane	7.66	56	19047	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	77055	4.386	ug/l #	49
38) Carbon Tetrachloride	7.66	117	100774	6.258	ug/l #	15
43) Isopropyl Acetate	8.20	43	8067	Below Cal	#	53
51) 4-Methyl-2-Pentanone	10.09	43	8305	0.874	ug/l #	1
71) Bromoform	12.40	173	4640	0.501	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	350346	30.842	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	350346	99.408	ug/l #	12
95) Naphthalene	15.13	128	604	1.169	ug/l #	69

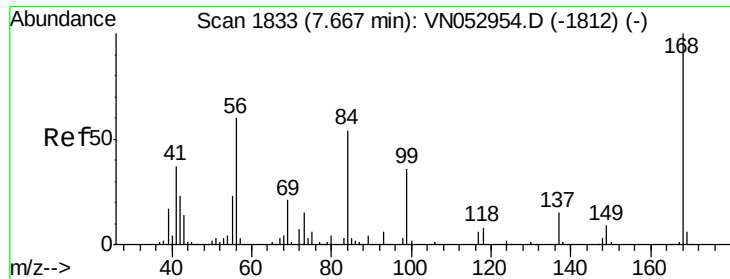
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN122218\
Data File : VN053161.D
Acq On : 23 Dec 2018 4:46
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P001-SS022-0612-01MS

Quant Time: Dec 23 23:14:18 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: VN053161.D

Acq: 23 Dec 2018 4:46

Instrument :

MSVOA_N

ClientSampleId :

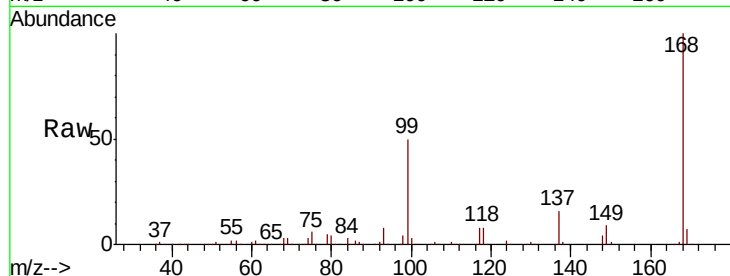
P001-SS022-0612-01MS

Tot Ion:168 Resp: 1189403

Ion Ratio Lower Upper

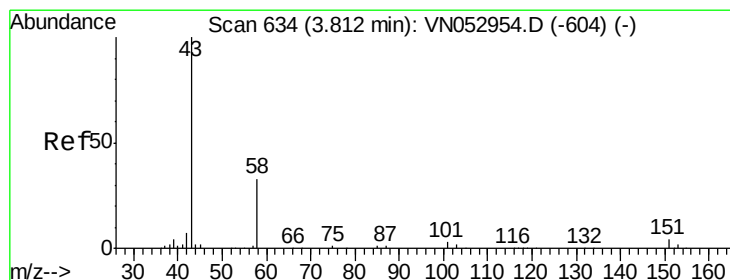
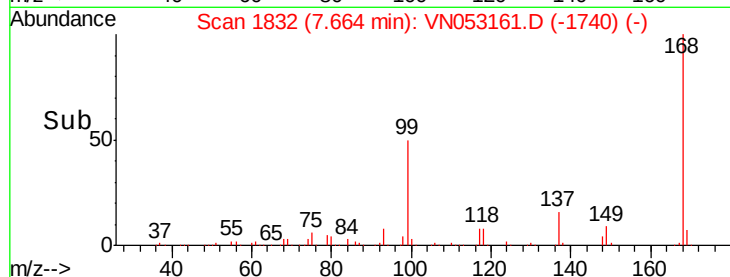
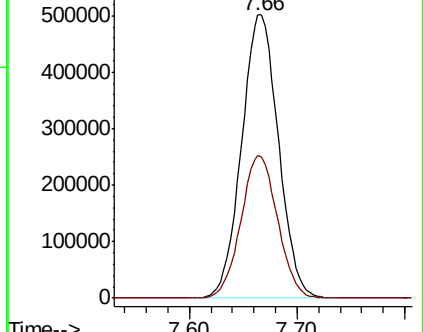
168 100

99 50.3 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN053161.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053161.D (-1740) (-)



#16

Acetone

Concen: 0.985 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053161.D

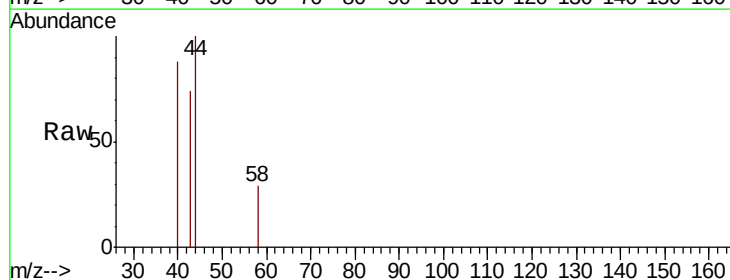
Acq: 23 Dec 2018 4:46

Tgt Ion: 43 Resp: 2331

Ion Ratio Lower Upper

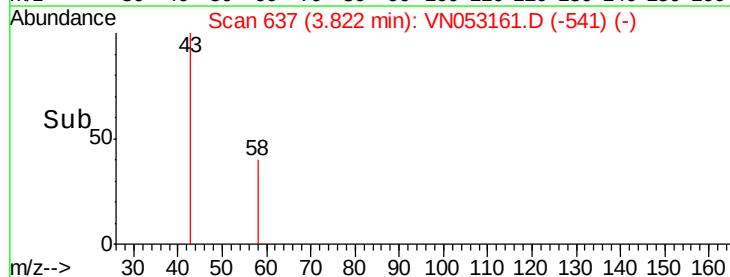
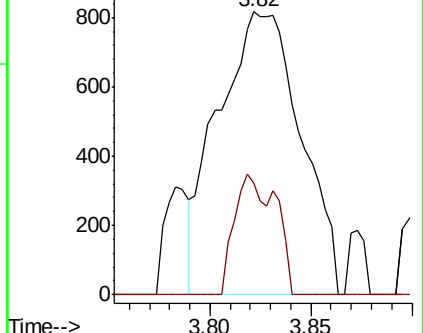
43 100

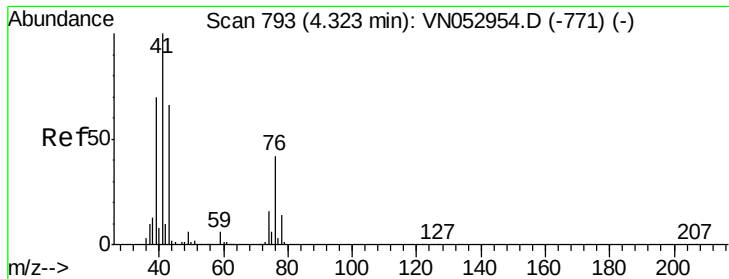
58 39.7 25.4 38.0#



Abundance Ion 43.00 (42.70 to 43.70): VN053161.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN053161.D (-541) (-)

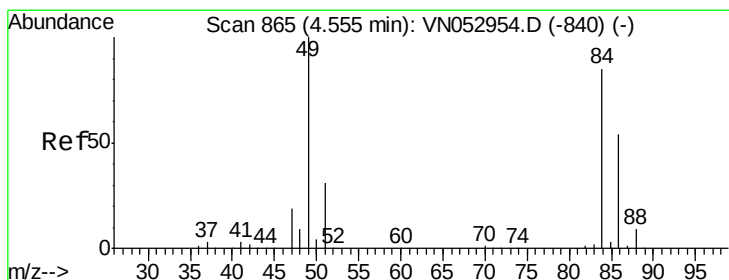
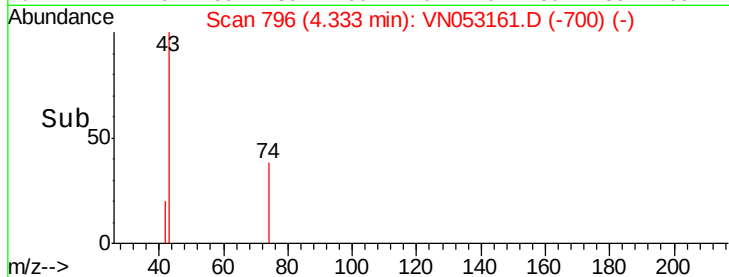
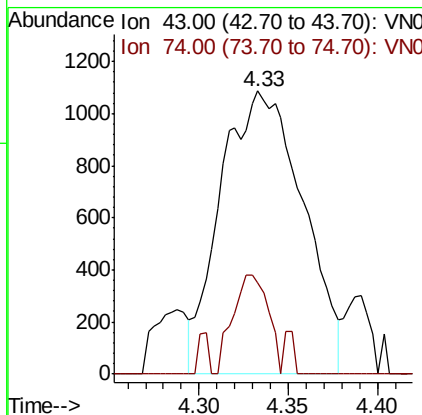
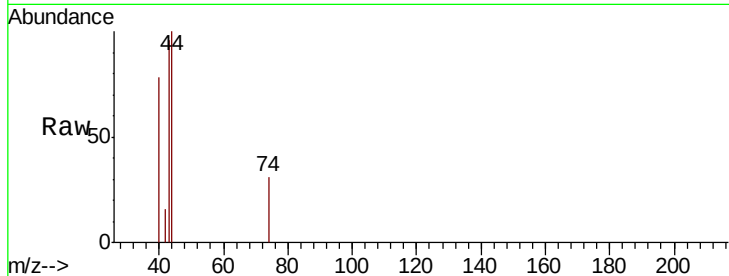




#18
Methvl Acetate
Concen: 1.310 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN053161.D
Acq: 23 Dec 2018 4:46

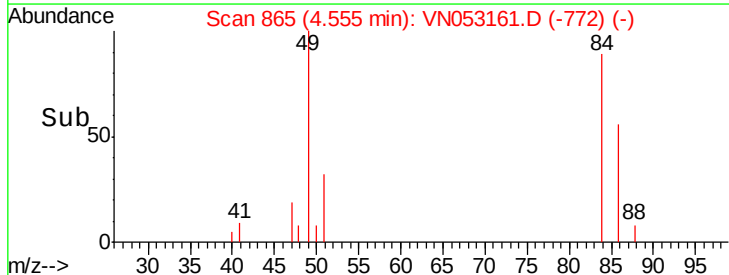
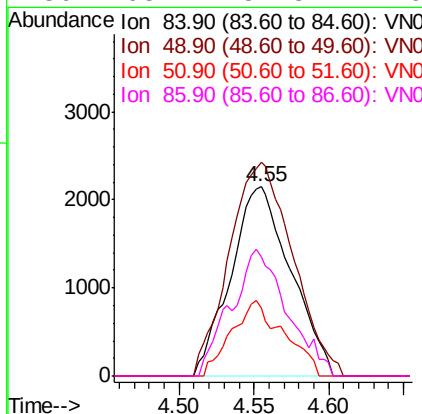
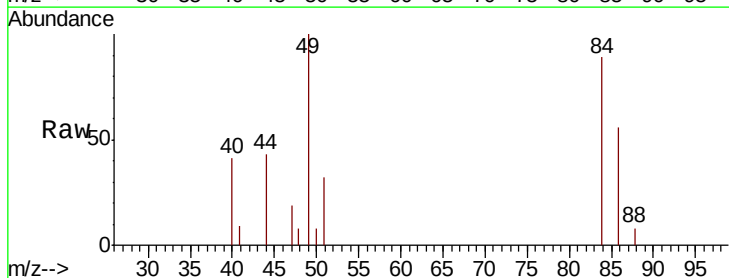
Instrument :
MSVOA_N
ClientSampleId :
P001-SS022-0612-01MS

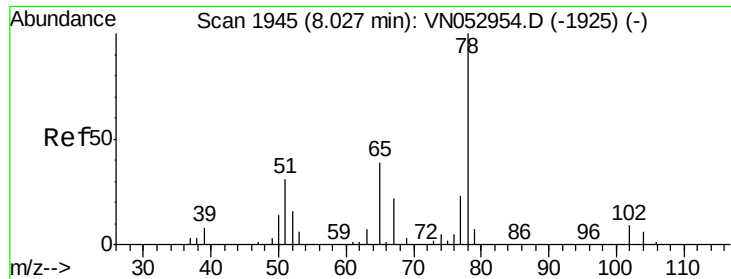
Tot Ion: 43 Resp: 3487
Ion Ratio Lower Upper
43 100
74 14.9 19.2 28.8#



#20
Methylene Chloride
Concen: 0.465 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN053161.D
Acq: 23 Dec 2018 4:46

Tgt Ion: 84 Resp: 6009
Ion Ratio Lower Upper
84 100
49 112.8 96.8 145.2
51 35.8 29.9 44.9
86 63.1 51.8 77.6

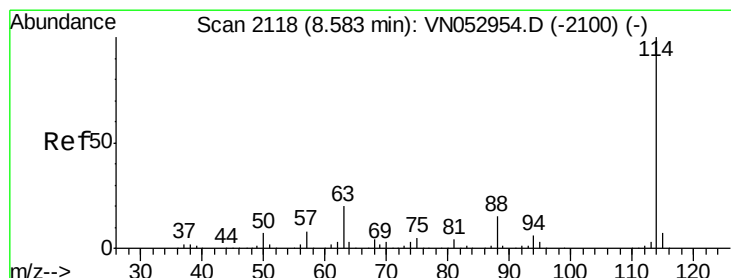
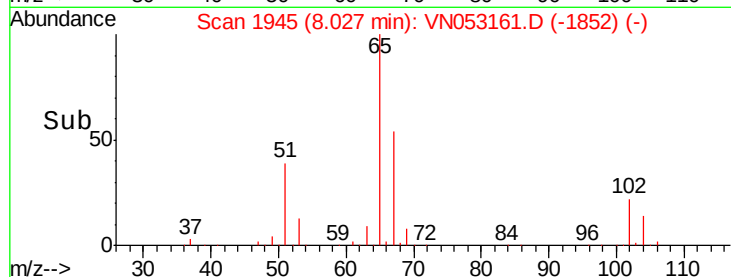
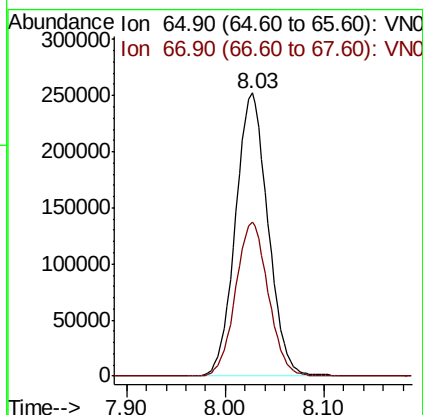
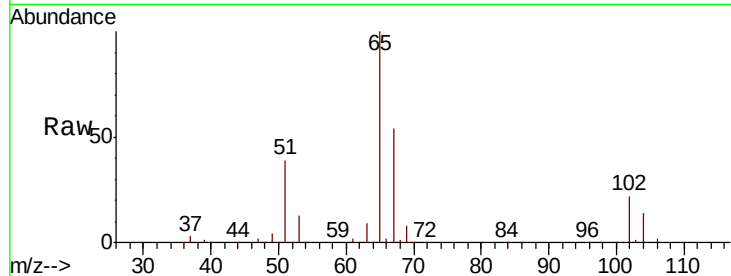




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053161.D
 Acq: 23 Dec 2018 4:46

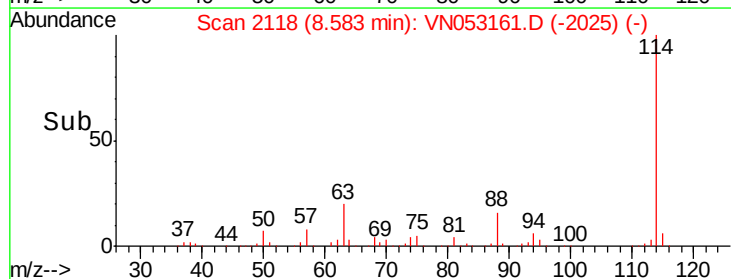
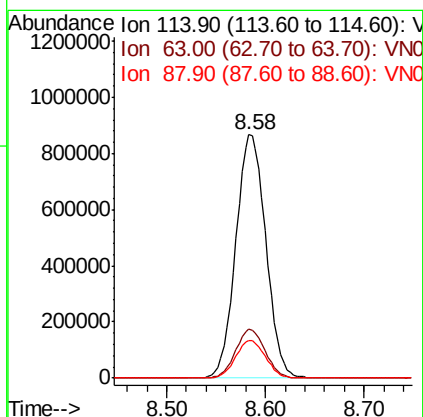
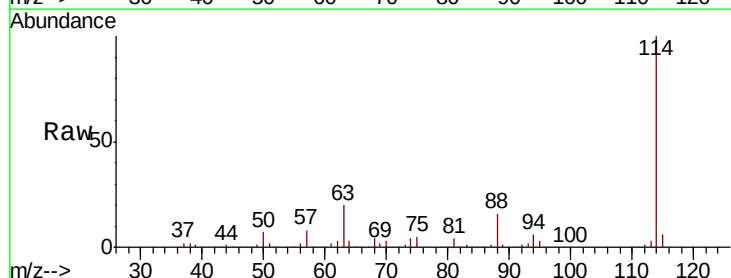
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS022-0612-01MS

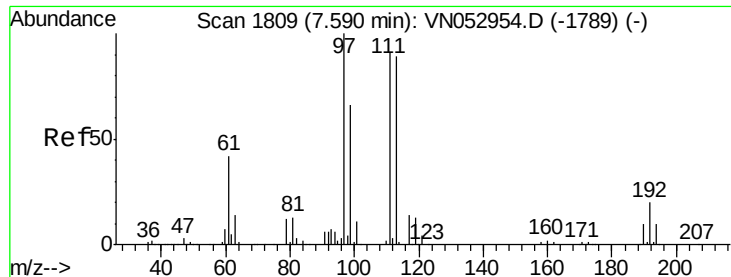
Tot Ion: 65 Resp: 576330
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN053161.D
 Acq: 23 Dec 2018 4:46

Tgt Ion: 114 Resp: 1830347
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 15.5 0.0 31.0

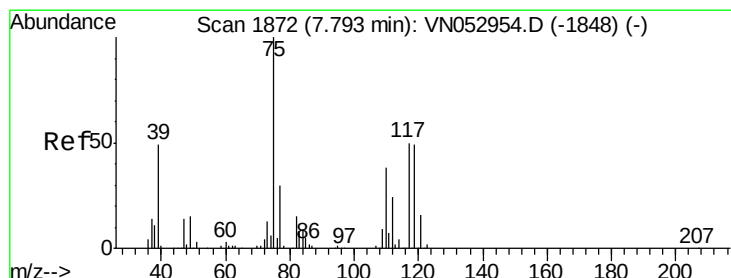
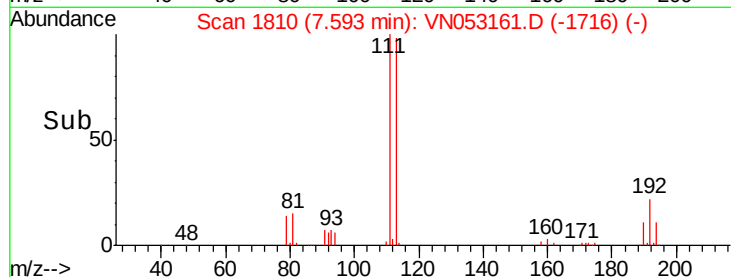
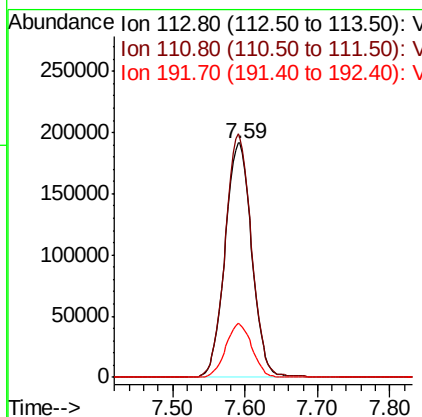
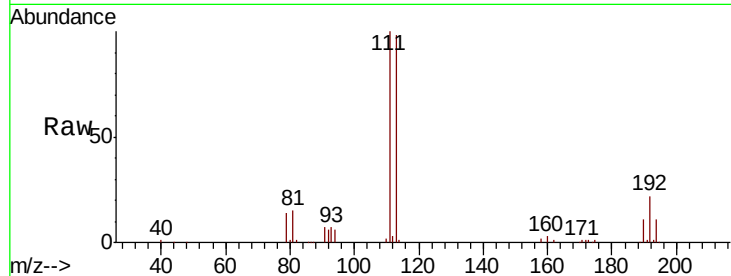




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053161.D
 Acq: 23 Dec 2018 4:46

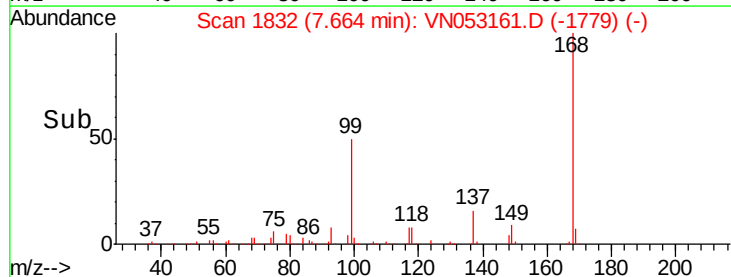
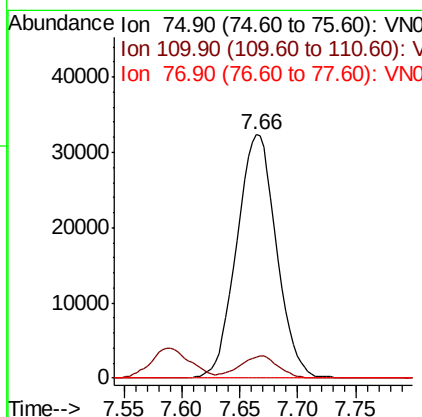
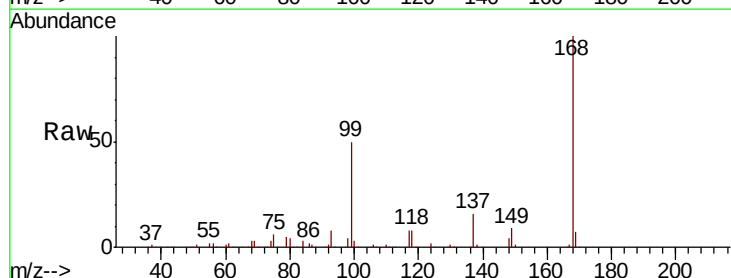
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS022-0612-01MS

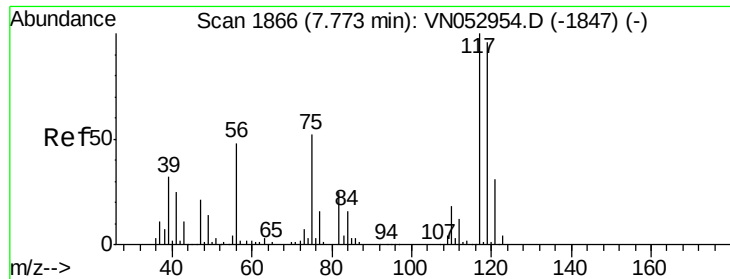
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.0	124.4
192	22.4	17.5	26.3



#36
 1,1-Dichloropropene
 Concen: 4.386 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053161.D
 Acq: 23 Dec 2018 4:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.2	54.6#
77	0.0	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 6.258 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN053161.D

Acq: 23 Dec 2018 4:46

Instrument :

MSVOA_N

ClientSampleId :

P001-SS022-0612-01MS

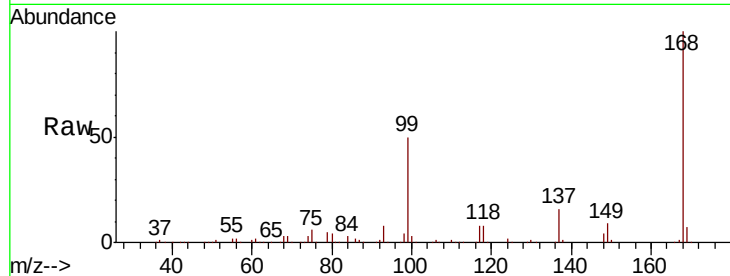
Tot Ion:117 Resp: 100774

Ion Ratio Lower Upper

117 100

119 4.5 77.1 115.7#

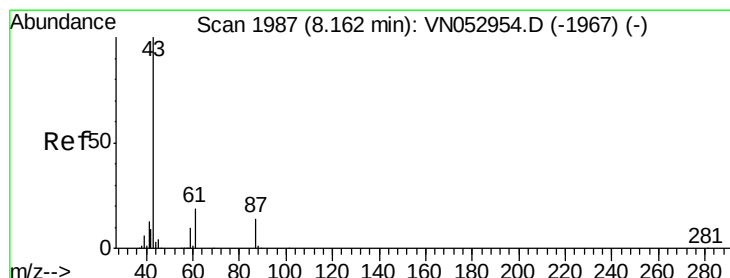
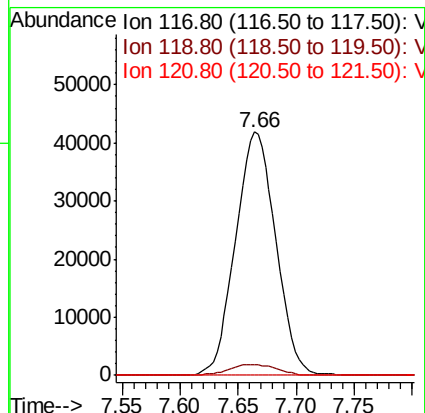
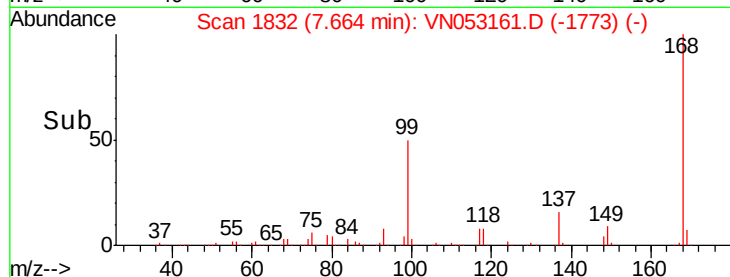
121 0.0 24.9 37.3#



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: 8.20 min Scan# 1999

Delta R.T. 0.04 min

Lab File: VN053161.D

Acq: 23 Dec 2018 4:46

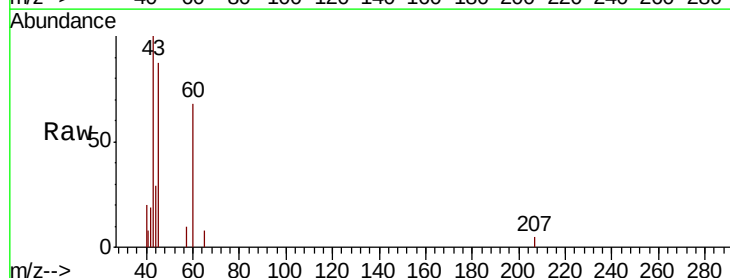
Tgt Ion: 43 Resp: 8067

Ion Ratio Lower Upper

43 100

61 0.0 22.9 34.3#

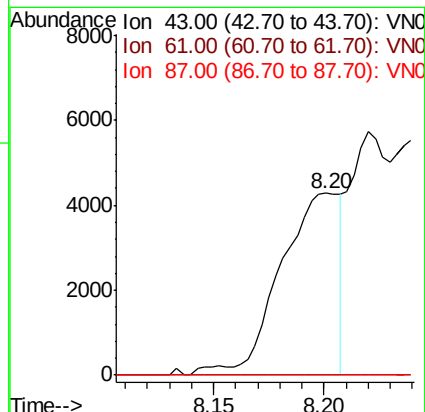
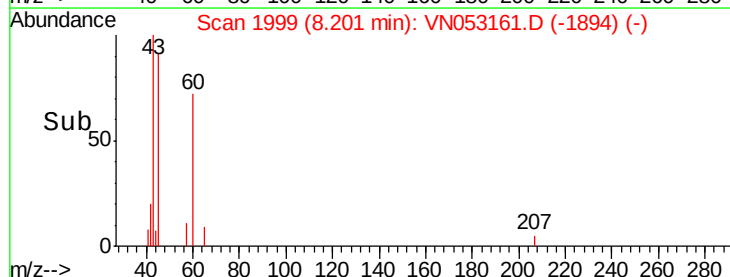
87 0.0 10.6 15.8#

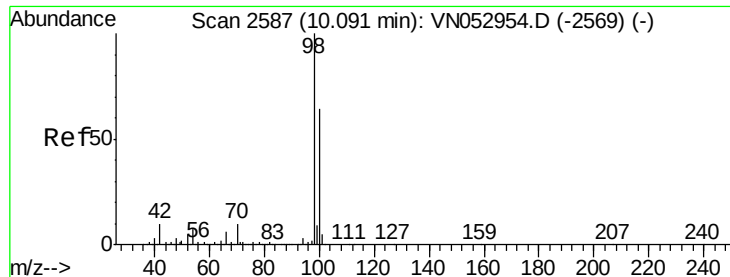


Abundance Ion 43.00 (42.70 to 43.70): V

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: VN053161.D

Acq: 23 Dec 2018 4:46

Instrument :

MSVOA_N

ClientSampleId :

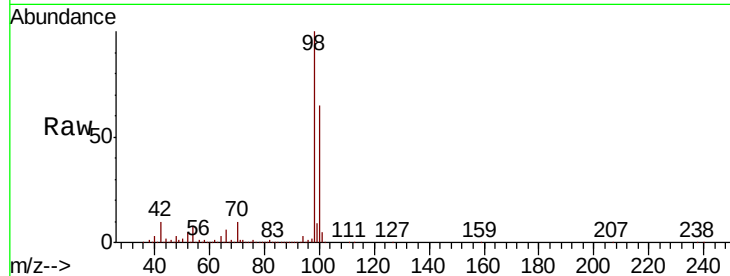
P001-SS022-0612-01MS

Tot Ion: 98 Resp: 2246058

Ion Ratio Lower Upper

98 100

100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN053161.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053161.D (-2494) (-)

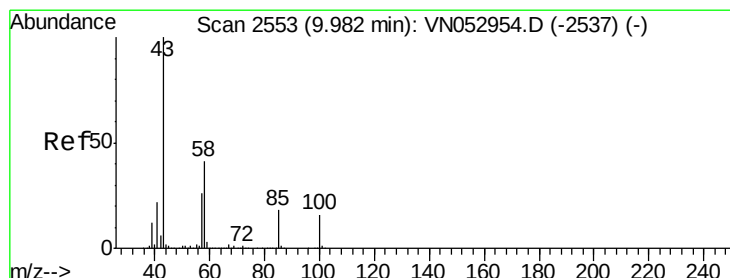
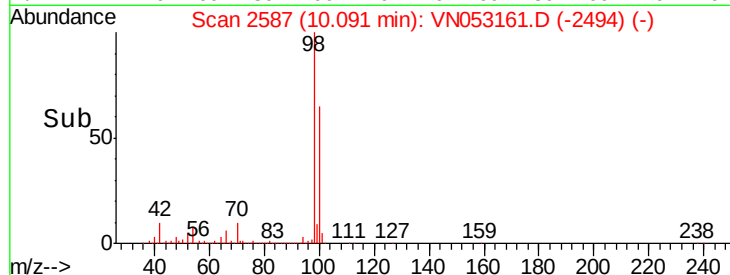
10.09

1000000

500000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.874 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.11 min

Lab File: VN053161.D

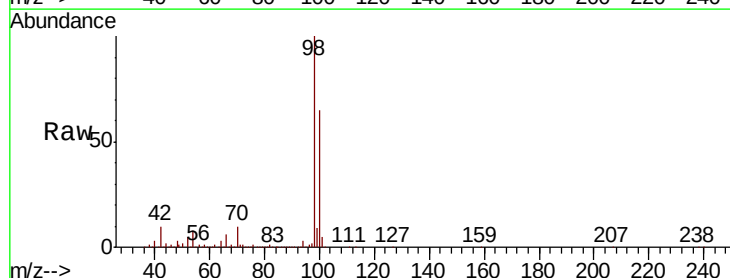
Acq: 23 Dec 2018 4:46

Tgt Ion: 43 Resp: 8305

Ion Ratio Lower Upper

43 100

58 201.8 32.2 48.4#



Abundance Ion 43.00 (42.70 to 43.70): VN053161.D (-2460) (-)

Ion 58.00 (57.70 to 58.70): VN053161.D (-2460) (-)

10.09

10000

8000

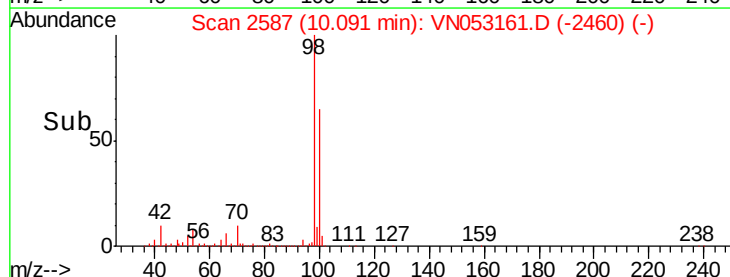
6000

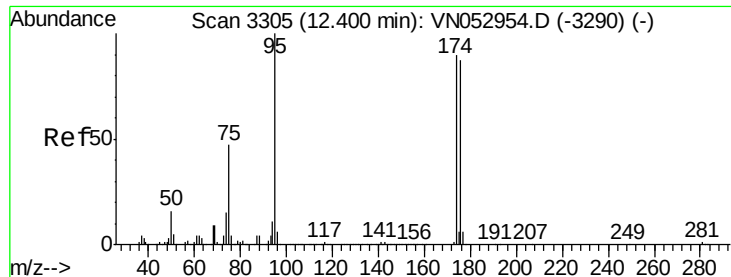
4000

2000

0

Time-->





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053161.D

Acq: 23 Dec 2018 4:46

Instrument :

MSVOA_N

ClientSampleId :

P001-SS022-0612-01MS

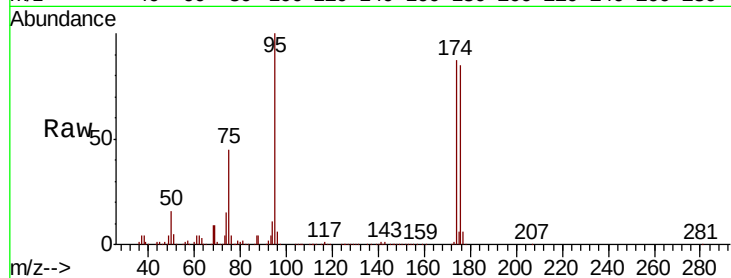
Tot Ion: 95 Resp: 760661

Ion Ratio Lower Upper

95 100

174 88.0 0.0 178.8

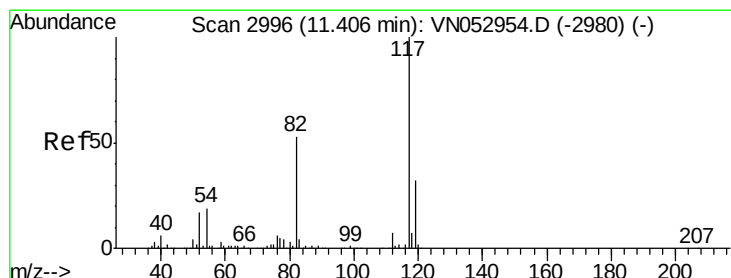
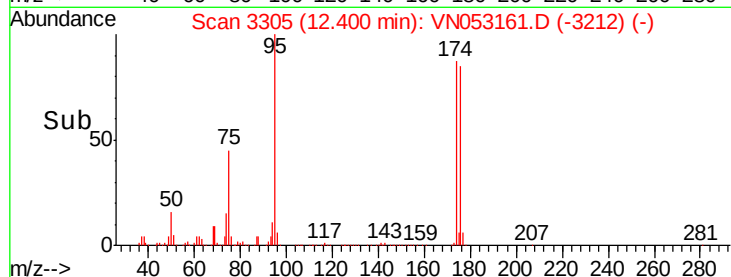
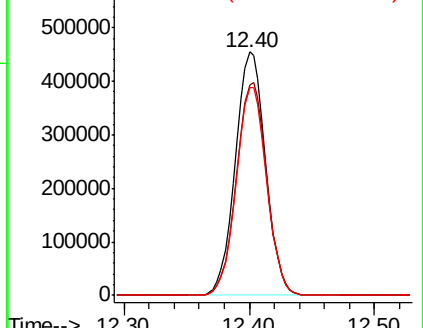
176 85.8 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN053161.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN053161.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN053161.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN053161.D

Acq: 23 Dec 2018 4:46

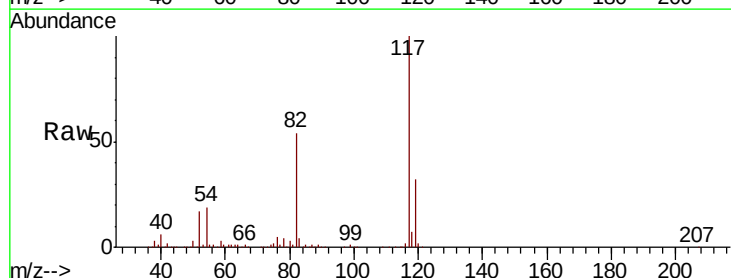
Tgt Ion: 117 Resp: 1662162

Ion Ratio Lower Upper

117 100

82 53.6 42.8 64.2

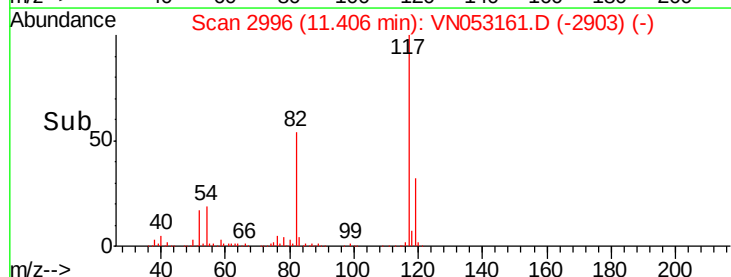
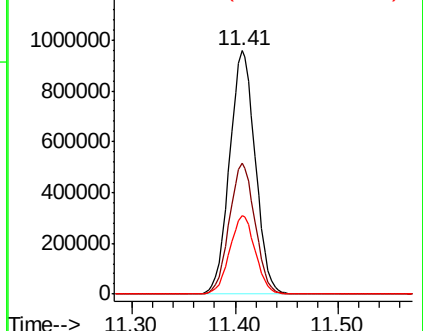
119 32.2 25.5 38.3

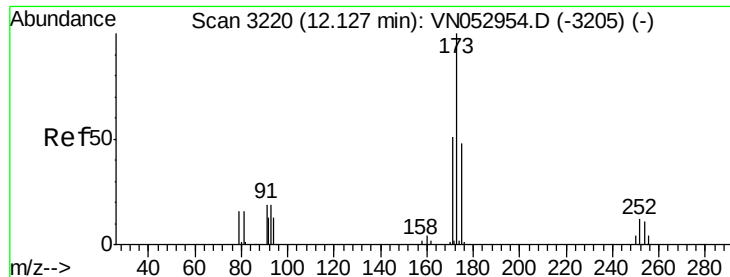


Abundance Ion 116.90 (116.60 to 117.60): VN053161.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN053161.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN053161.D (-2903) (-)





#71

Bromoform

Concen: 0.501 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN053161.D

Acq: 23 Dec 2018 4:46

Instrument :

MSVOA_N

ClientSampleId :

P001-SS022-0612-01MS

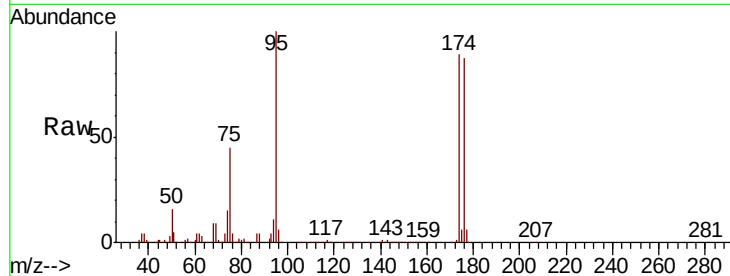
Tot Ion:173 Resp: 4640

Ion Ratio Lower Upper

173 100

175 914.1 24.3 72.9#

254 0.0 0.1 0.1#

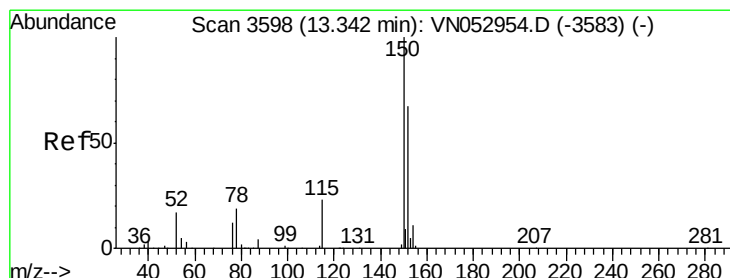
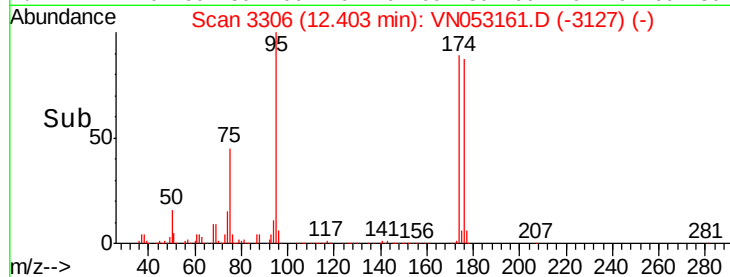
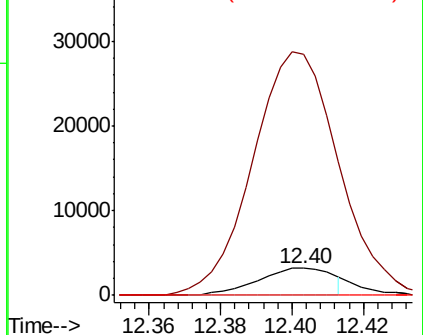


Abundance

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: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053161.D

Acq: 23 Dec 2018 4:46

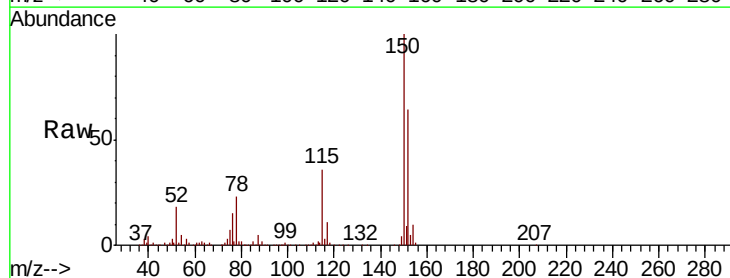
Tgt Ion:152 Resp: 674785

Ion Ratio Lower Upper

152 100

115 56.1 28.3 85.0

150 156.7 0.0 347.8

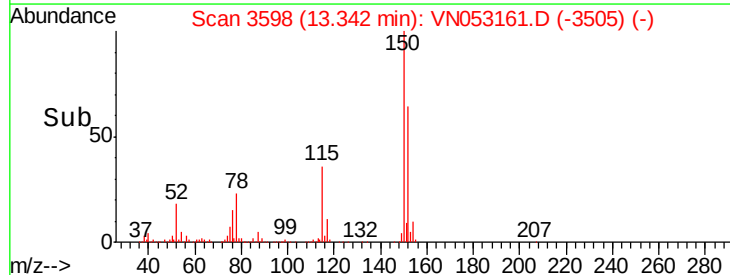
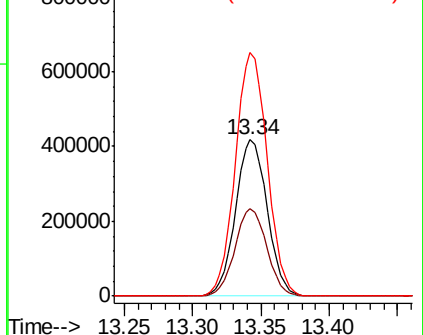


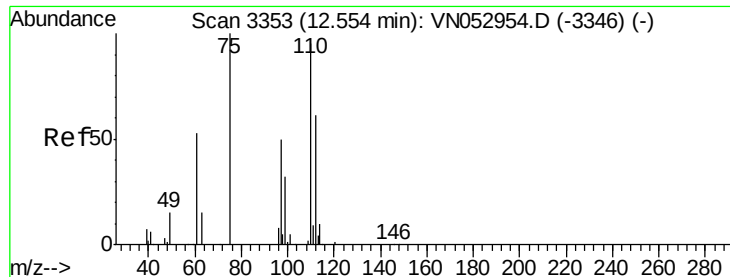
Abundance

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: 30.842 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053161.D

Acq: 23 Dec 2018 4:46

Instrument :

MSVOA_N

ClientSampleId :

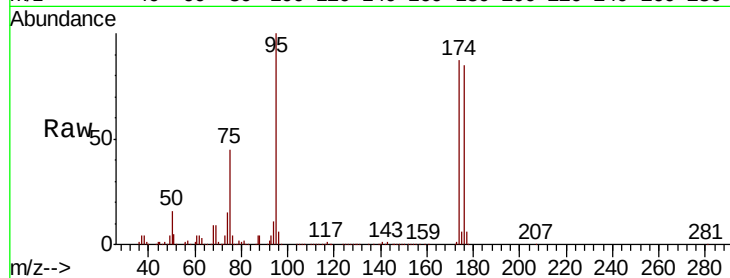
P001-SS022-0612-01MS

Tot Ion: 75 Resp: 350346

Ion Ratio Lower Upper

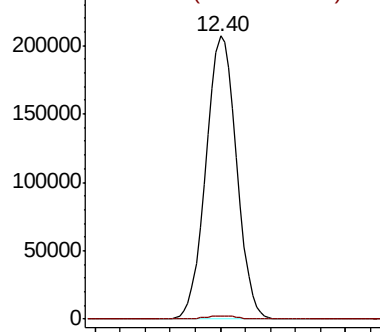
75 100

77 1.1 0.0 0.0#

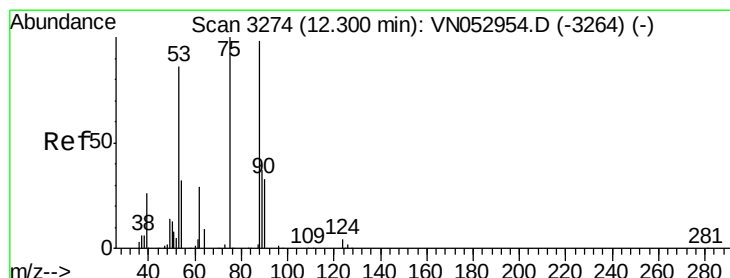
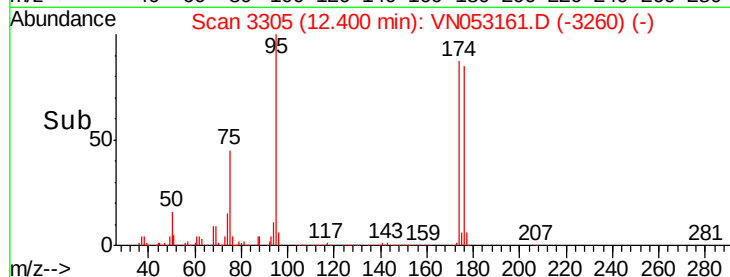


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO



Time--> 12.30 12.40 12.50



#81

trans-1,4-Dichloro-2-butene

Concen: 99.408 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053161.D

Acq: 23 Dec 2018 4:46

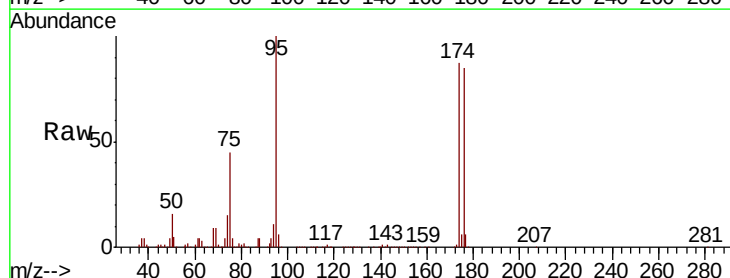
Tgt Ion: 75 Resp: 350346

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

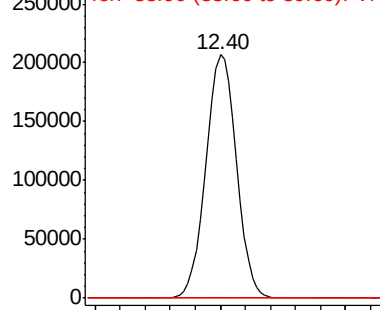
89 0.0 36.1 54.1#



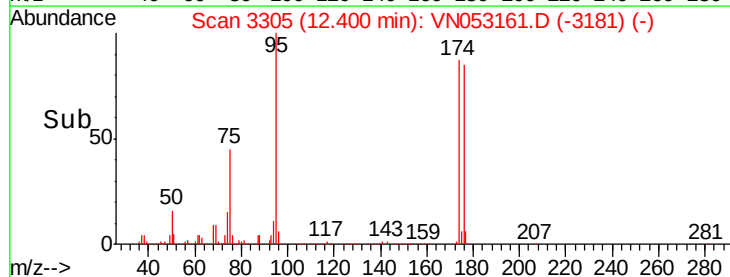
Abundance Ion 74.90 (74.60 to 75.60): VNO

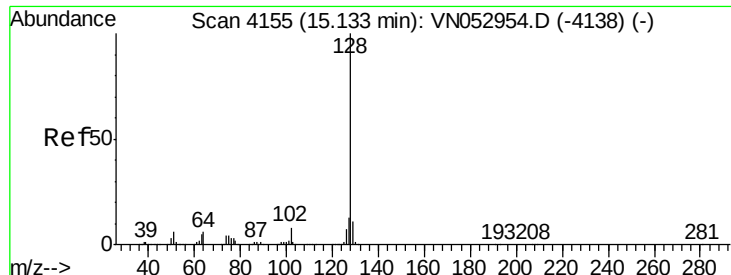
Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO



Time--> 12.30 12.40 12.50





#95

Naphthalene

Concen: 1.169 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053161.D

Acq: 23 Dec 2018 4:46

Instrument :

MSVOA_N

ClientSampleId :

P001-SS022-0612-01MS

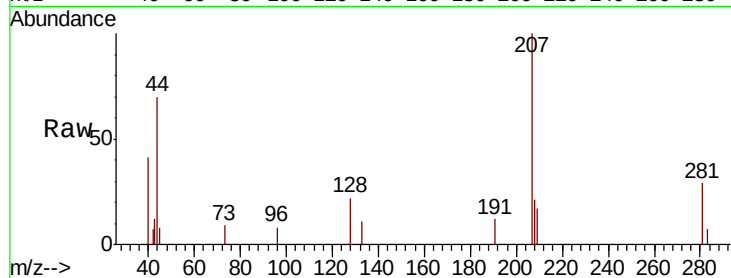
Tot Ion:128 Resp: 604

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): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

