

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122218\
 Data File : VN053169.D
 Acq On : 23 Dec 2018 8:20
 Operator : MD\SY
 Sample : J6448-02
 Misc : 6.29g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 49 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 S72-0054

Quant Time: Dec 23 23:15:54 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

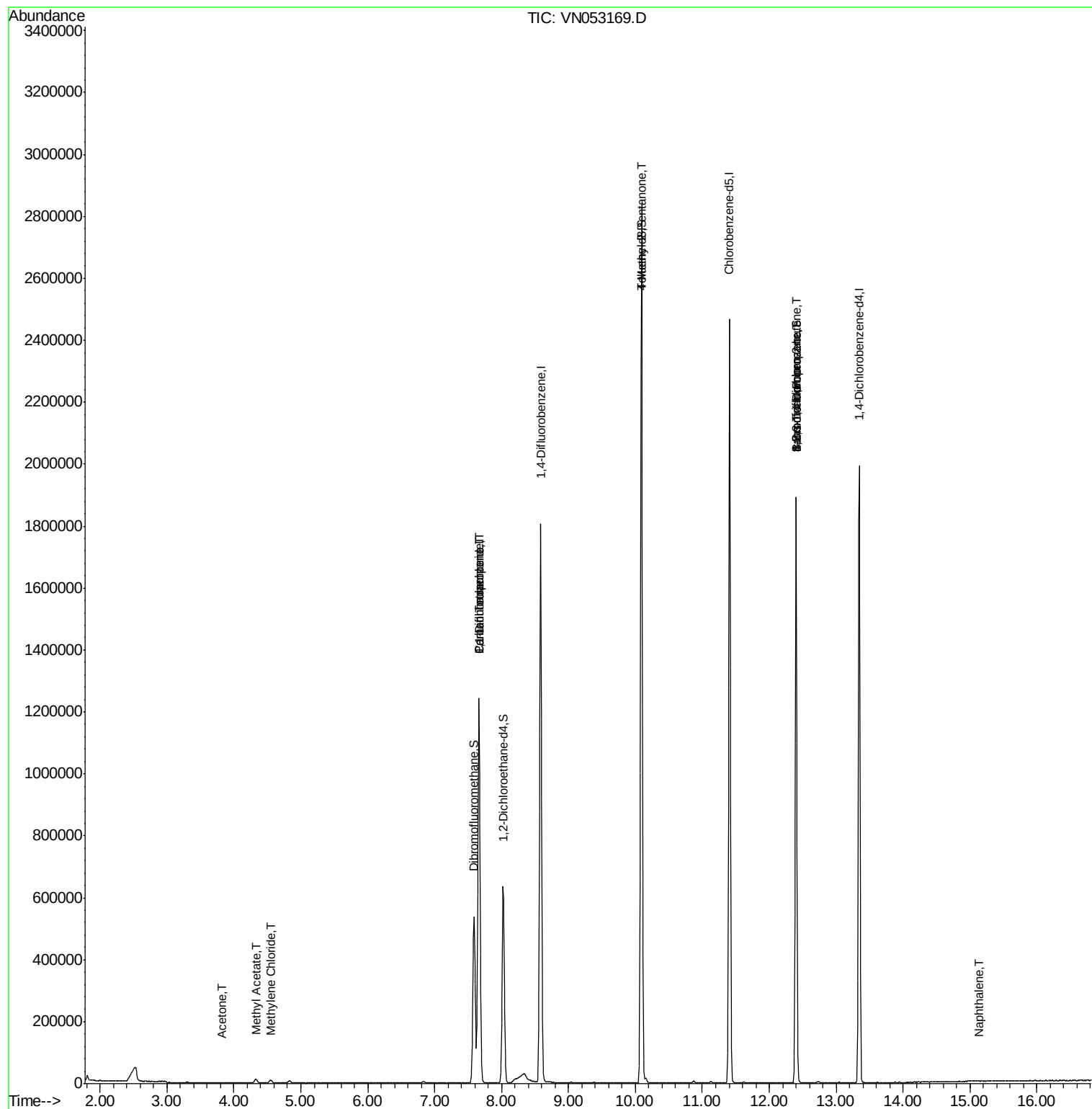
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1094989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1677505	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1491581	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	583509	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	527878	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.00%	
35) Dibromofluoromethane	7.59	113	418397	54.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.20%	
50) Toluene-d8	10.09	98	2060649	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
62) 4-Bromofluorobenzene	12.40	95	662910	45.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.80%	
Target Compounds						
					Qvalue	
16) Acetone	3.82	43	2404	1.103	ug/l #	80
18) Methyl Acetate	4.33	43	26523	3.621	ug/l	92
20) Methylene Chloride	4.55	84	7425	0.625	ug/l	87
31) Cyclohexane	7.67	56	18188	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	70848	4.400	ug/l #	48
38) Carbon Tetrachloride	7.66	117	94499	6.403	ug/l #	16
51) 4-Methyl-2-Pentanone	10.08	43	7834	0.900	ug/l #	1
71) Bromoform	12.40	173	3985	0.480	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	306072	31.159	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	306072	100.431	ug/l #	12
95) Naphthalene	15.13	128	287	1.159	ug/l #	69

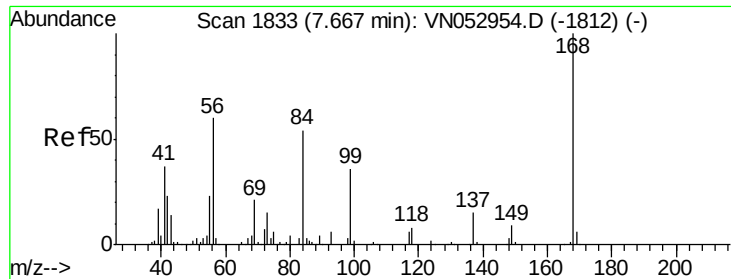
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN122218\
Data File : VN053169.D
Acq On : 23 Dec 2018 8:20
Operator : MD\SY
Sample : J6448-02
Misc : 6.29g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 49 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
S72-0054

Quant Time: Dec 23 23:15:54 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: VN053169.D

Acq: 23 Dec 2018 8:20

Instrument :

MSVOA_N

ClientSampleId :

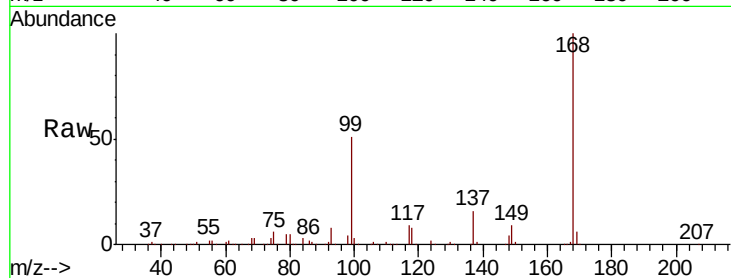
S72-0054

Tot Ion:168 Resp: 1094989

Ion Ratio Lower Upper

168 100

99 50.6 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN053169.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053169.D (-1740) (-)

7.66

500000

400000

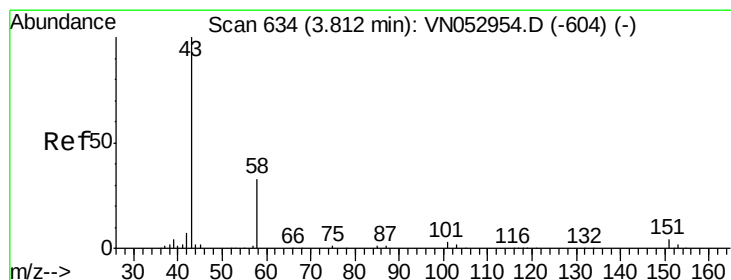
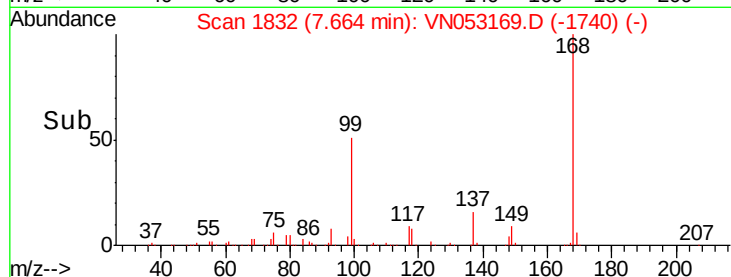
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 1.103 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053169.D

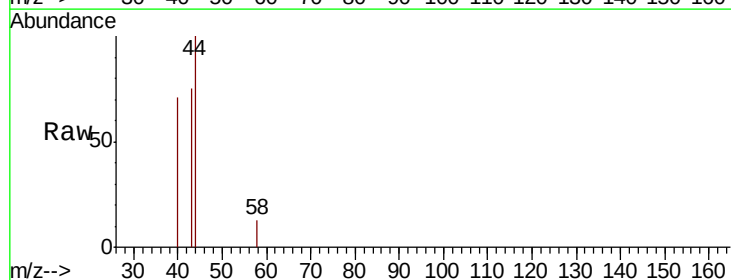
Acq: 23 Dec 2018 8:20

Tgt Ion: 43 Resp: 2404

Ion Ratio Lower Upper

43 100

58 20.7 25.4 38.0#



Abundance Ion 43.00 (42.70 to 43.70): VN053169.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN053169.D (-541) (-)

3.82

1200

1000

800

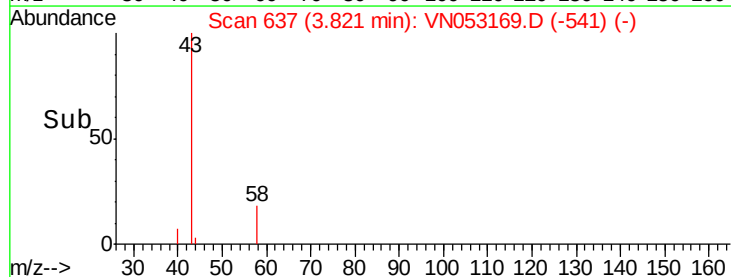
600

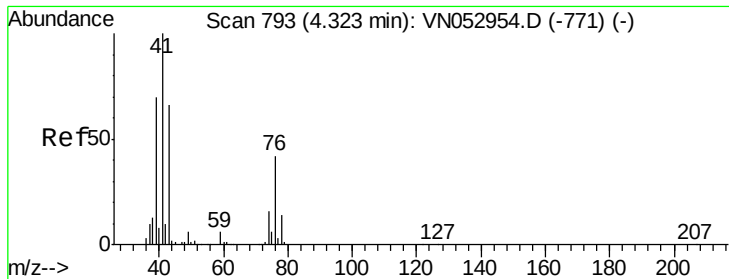
400

200

0

Time-->

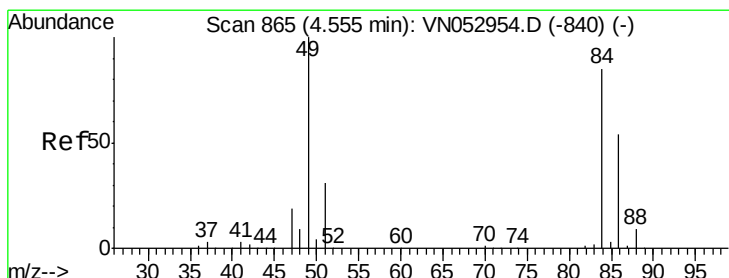
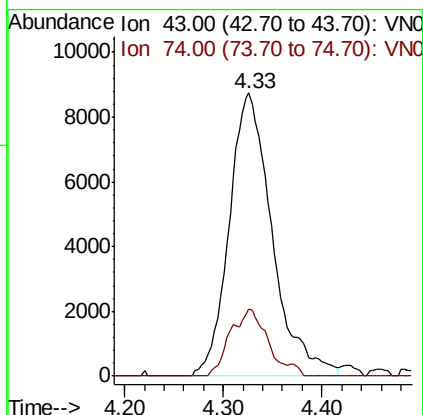
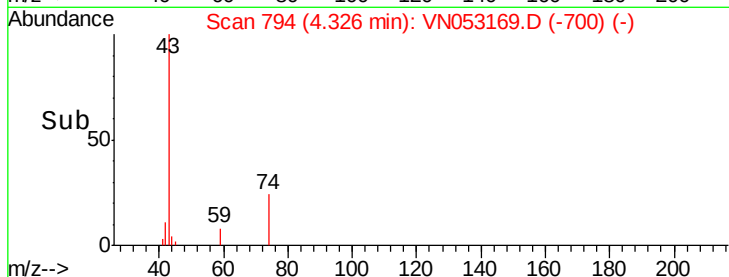
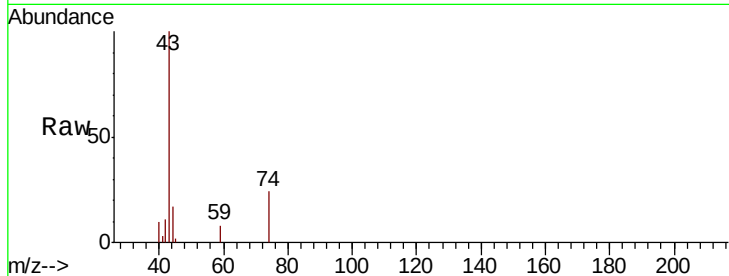




#18
Methvl Acetate
Concen: 3.621 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN053169.D
Acq: 23 Dec 2018 8:20

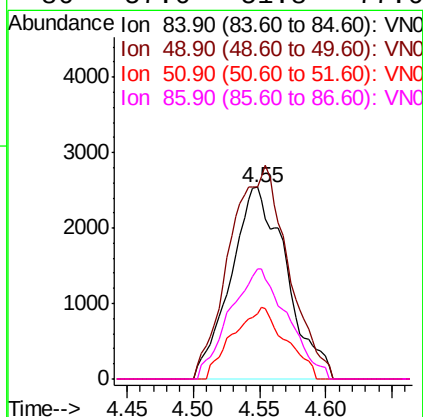
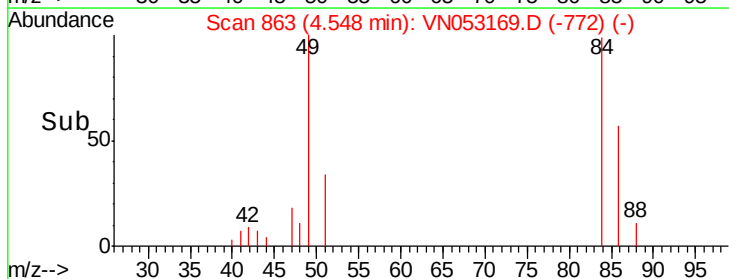
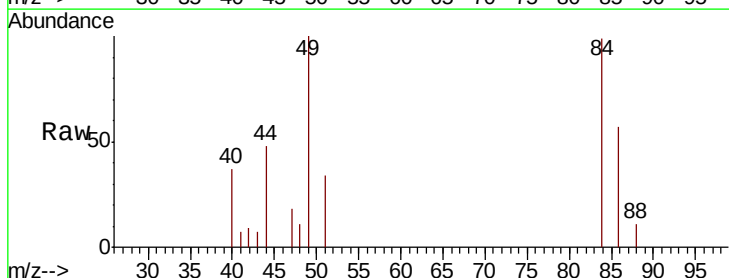
Instrument :
MSVOA_N
ClientSampleId :
S72-0054

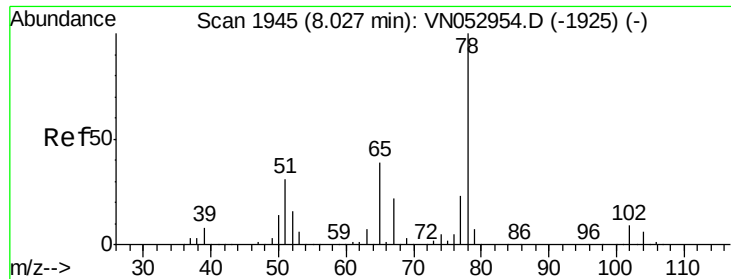
Tot Ion: 43 Resp: 26523
Ion Ratio Lower Upper
43 100
74 20.0 19.2 28.8



#20
Methylene Chloride
Concen: 0.625 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.01 min
Lab File: VN053169.D
Acq: 23 Dec 2018 8:20

Tgt Ion: 84 Resp: 7425
Ion Ratio Lower Upper
84 100
49 100.6 96.8 145.2
51 34.4 29.9 44.9
86 57.6 51.8 77.6

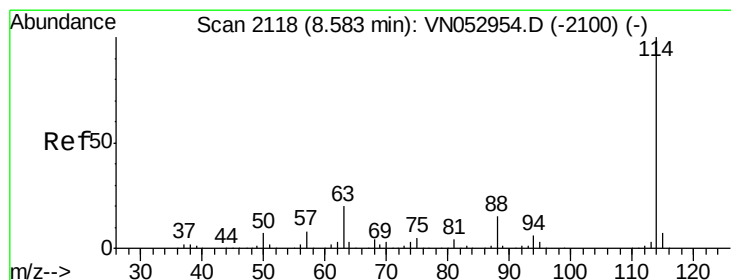
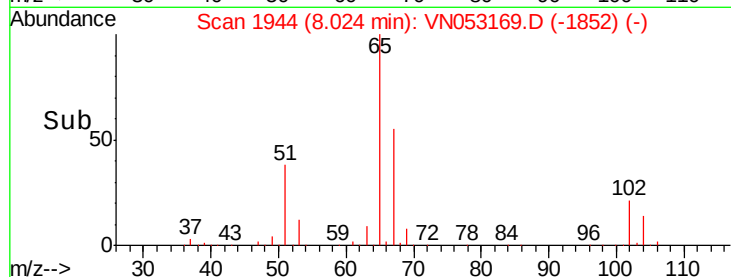
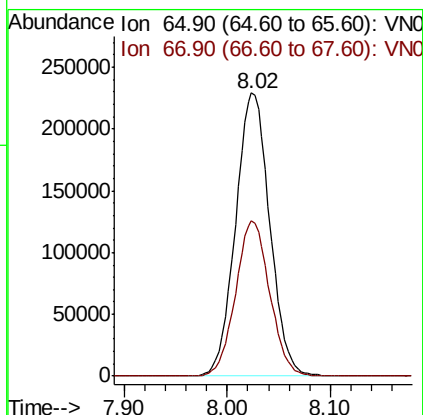
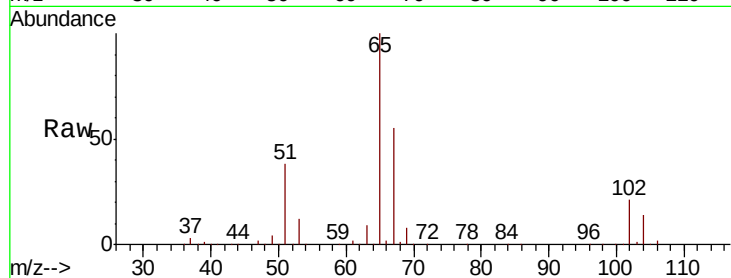




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN053169.D
 Acq: 23 Dec 2018 8:20

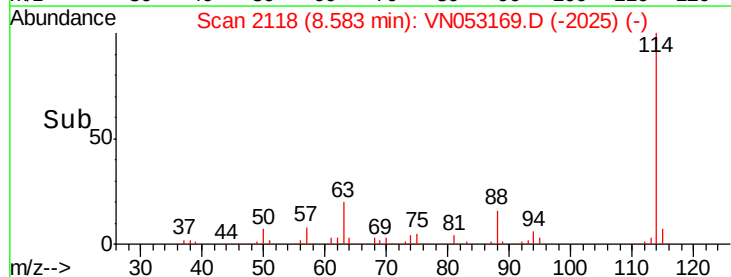
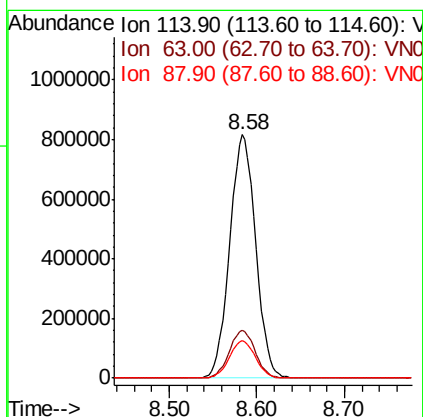
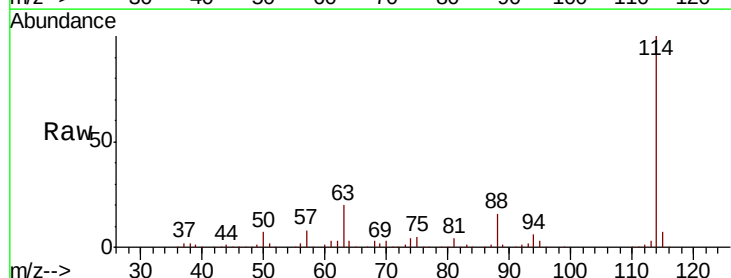
Instrument :
 MSVOA_N
 ClientSampled :
 S72-0054

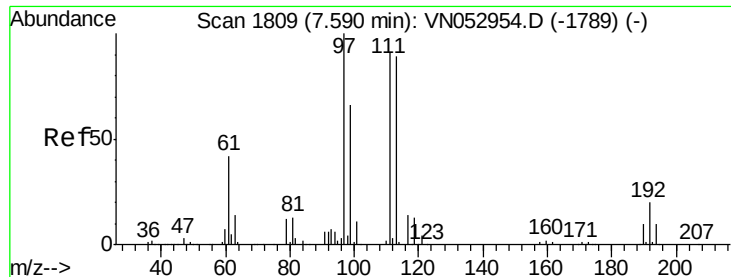
Tot Ion: 65 Resp: 527878
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN053169.D
 Acq: 23 Dec 2018 8:20

Tgt Ion: 114 Resp: 1677505
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.8
 88 15.5 0.0 31.0

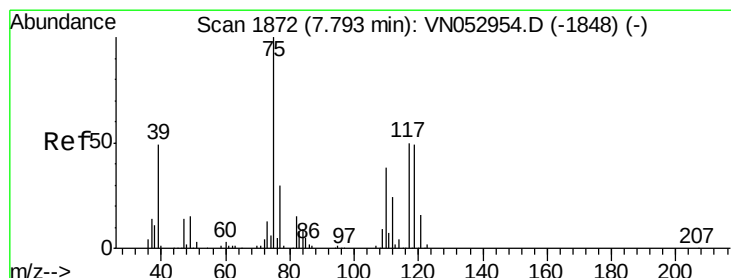
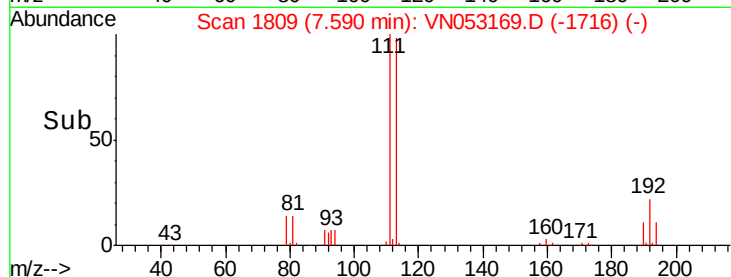
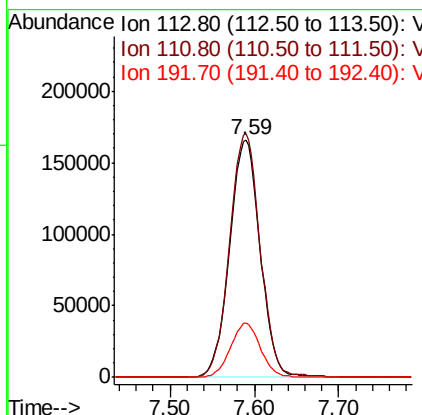
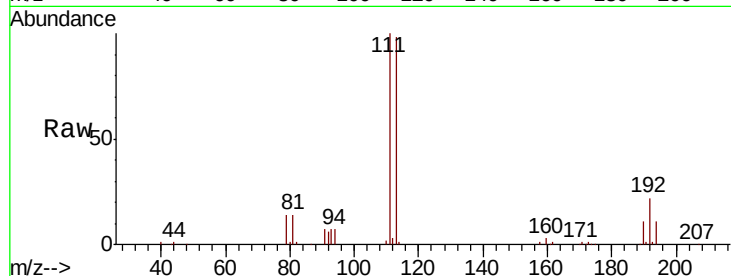




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053169.D
 Acq: 23 Dec 2018 8:20

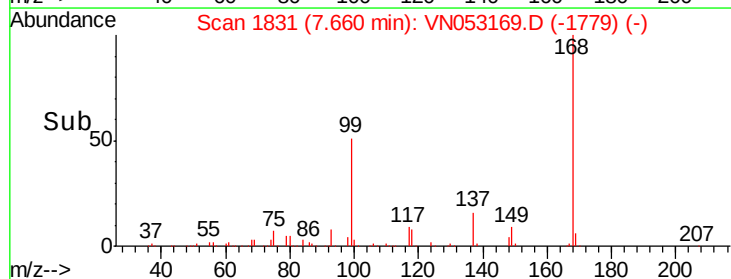
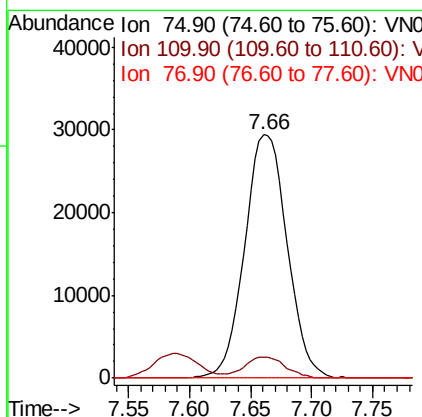
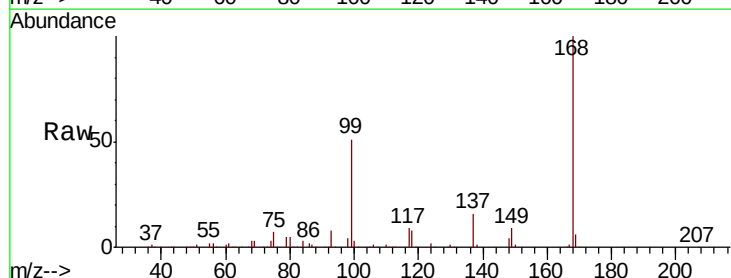
Instrument :
 MSVOA_N
 ClientSampleId :
 S72-0054

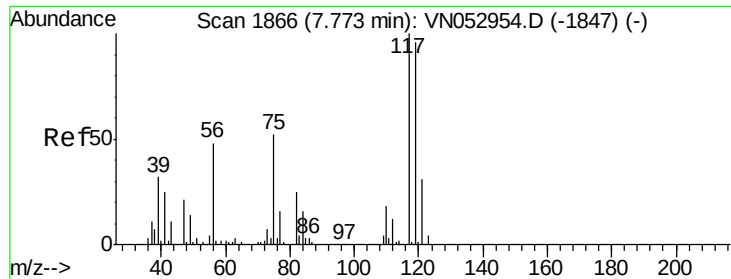
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.0	124.4
192	22.4	17.5	26.3



#36
 1,1-Dichloropropene
 Concen: 4.400 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN053169.D
 Acq: 23 Dec 2018 8:20

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.2	54.6#
77	0.0	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 6.403 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN053169.D

Acq: 23 Dec 2018 8:20

Instrument :

MSVOA_N

ClientSampled :

S72-0054

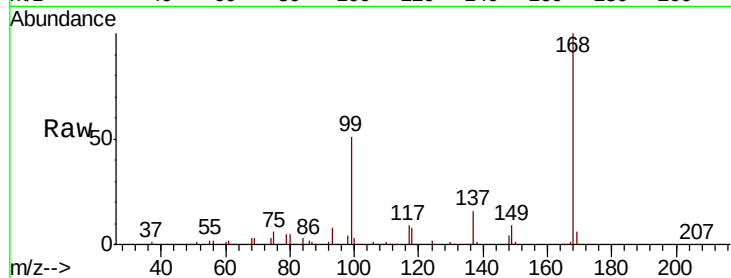
Tot Ion:117 Resp: 94499

Ion Ratio Lower Upper

117 100

119 4.8 77.1 115.7#

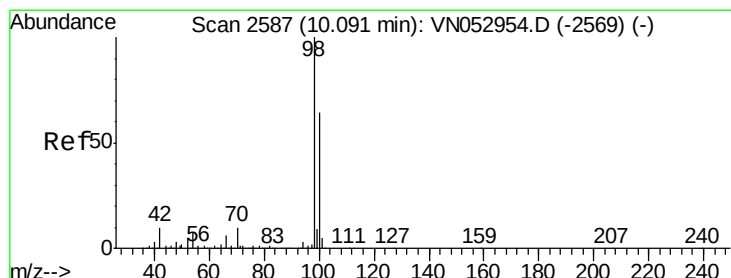
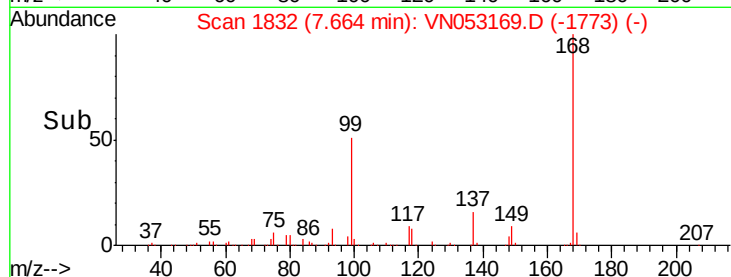
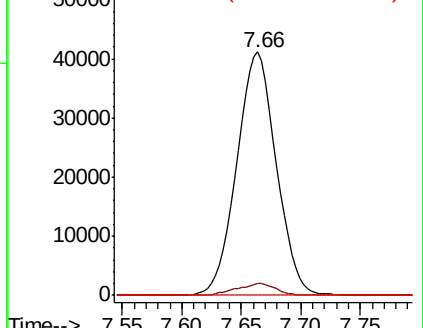
121 0.0 24.9 37.3#



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



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053169.D

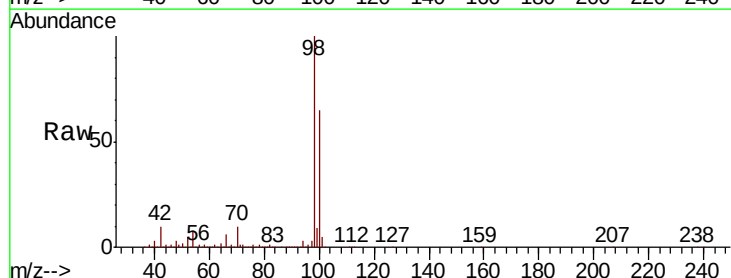
Acq: 23 Dec 2018 8:20

Tgt Ion: 98 Resp: 2060649

Ion Ratio Lower Upper

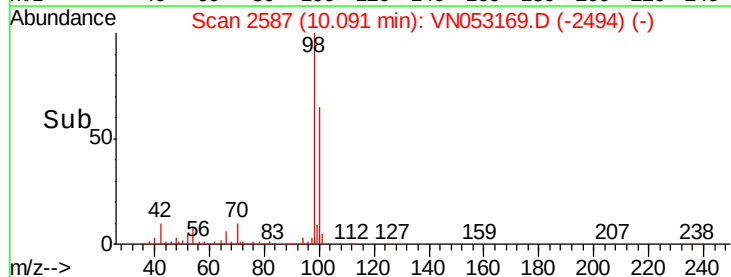
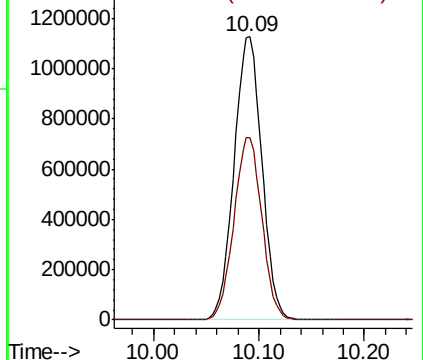
98 100

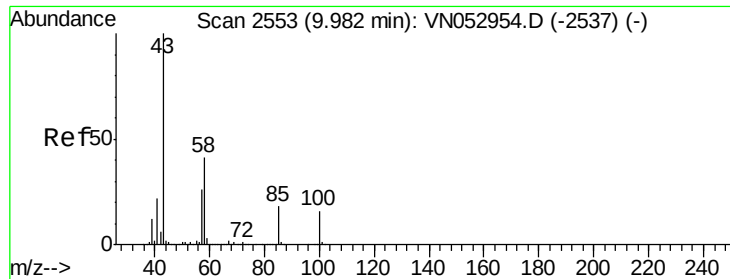
100 64.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN





#51

4-Methyl-2-Pentanone

Concen: 0.900 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.10 min

Lab File: VN053169.D

Acq: 23 Dec 2018 8:20

Instrument :

MSVOA_N

ClientSampled :

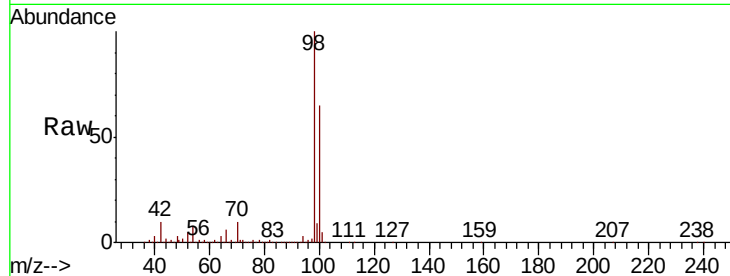
S72-0054

Tot Ion: 43 Resp: 7834

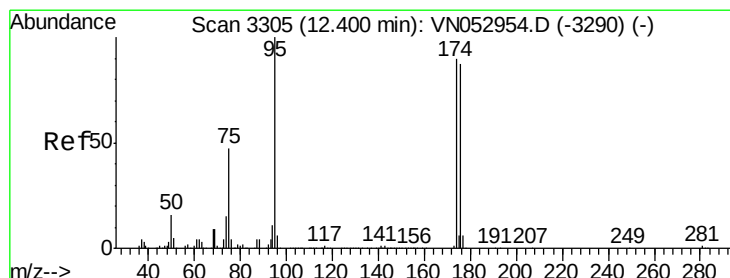
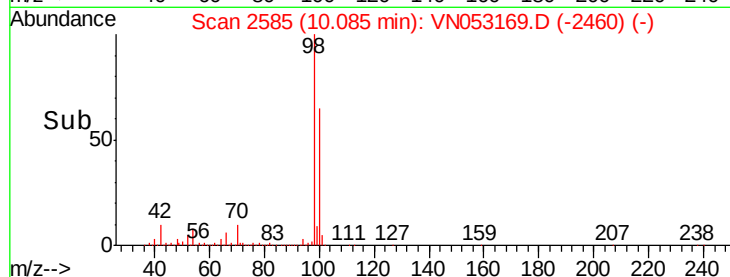
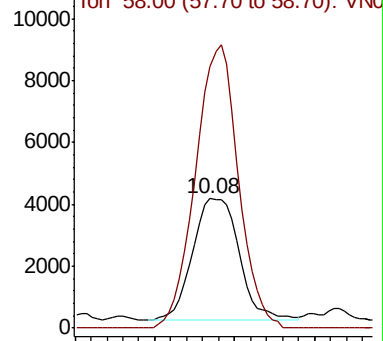
Ion Ratio Lower Upper

43 100

58 213.5 32.2 48.4#



Abundance Ion 43.00 (42.70 to 43.70): VN053169.D (-2460) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053169.D

Acq: 23 Dec 2018 8:20

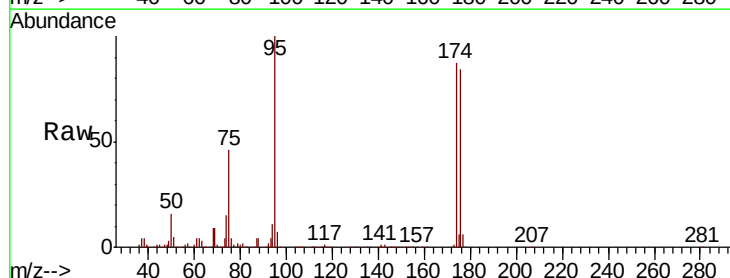
Tgt Ion: 95 Resp: 662910

Ion Ratio Lower Upper

95 100

174 88.4 0.0 178.8

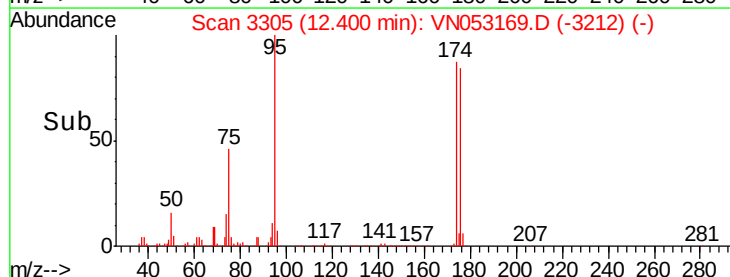
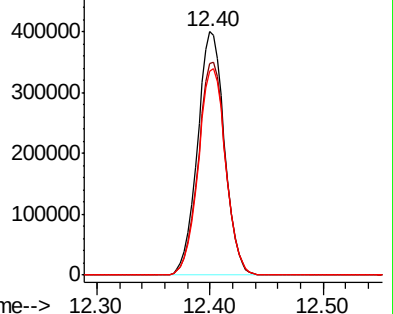
176 86.2 0.0 173.8

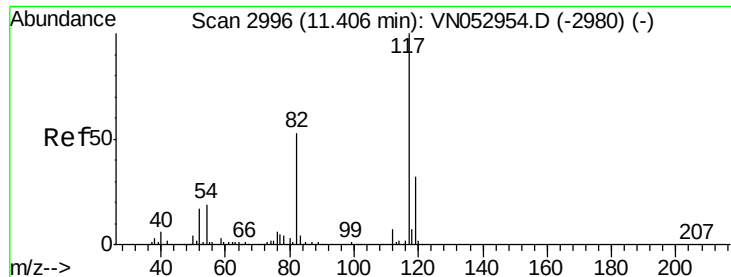


Abundance Ion 94.90 (94.60 to 95.60): VN053169.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN053169.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN053169.D (-3212) (-)

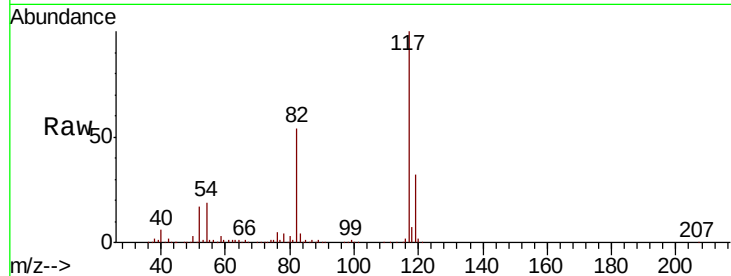




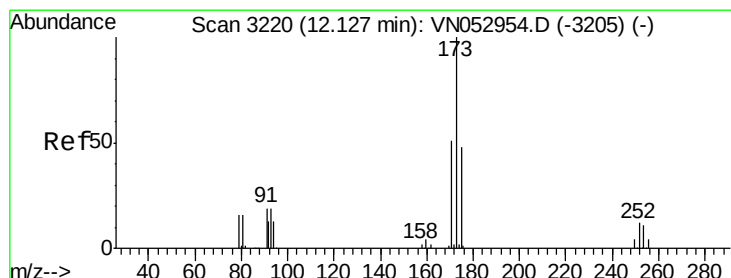
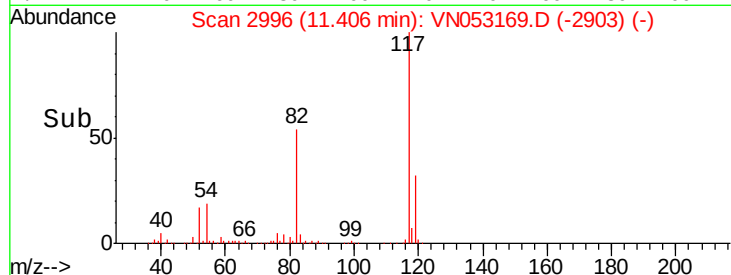
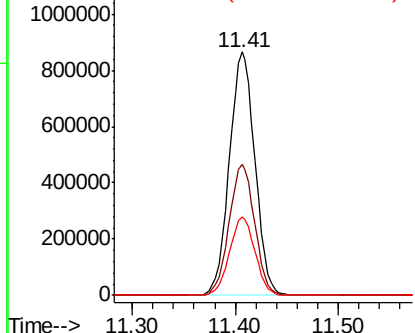
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053169.D
Acq: 23 Dec 2018 8:20

Instrument :
MSVOA_N
ClientSampled :
S72-0054

Tot Ion:117 Resp: 1491581
Ion Ratio Lower Upper
117 100
82 53.9 42.8 64.2
119 32.4 25.5 38.3

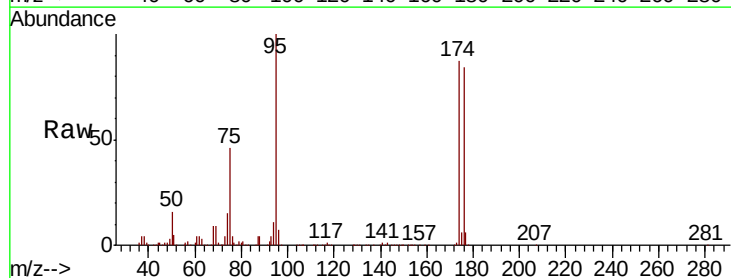


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

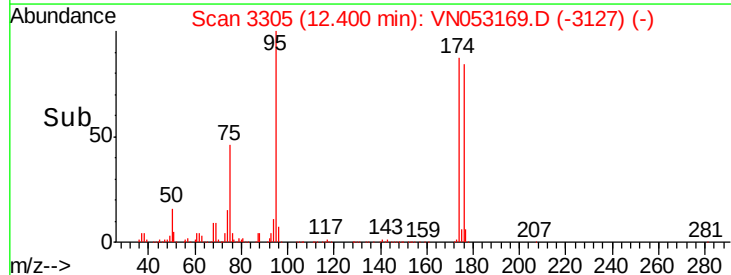
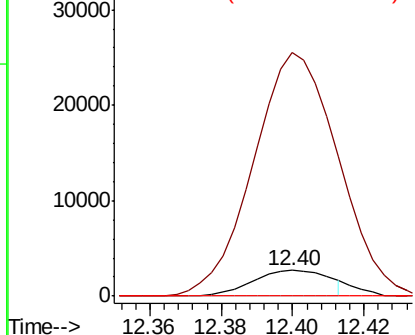


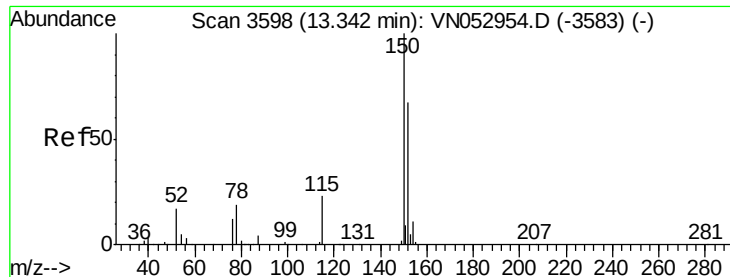
#71
Bromoform
Concen: 0.480 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN053169.D
Acq: 23 Dec 2018 8:20

Tgt Ion:173 Resp: 3985
Ion Ratio Lower Upper
173 100
175 935.0 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: VN053169.D

Acq: 23 Dec 2018 8:20

Instrument :

MSVOA_N

ClientSampleId :

S72-0054

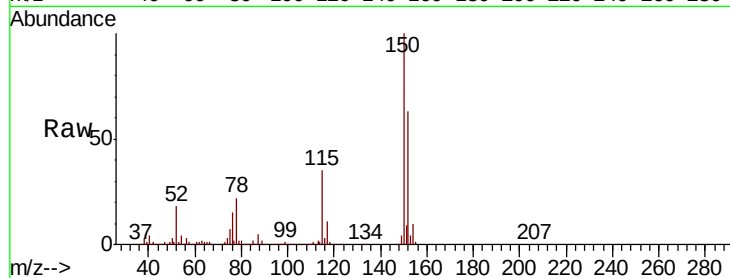
Tot Ion:152 Resp: 583509

Ion Ratio Lower Upper

152 100

115 56.4 28.3 85.0

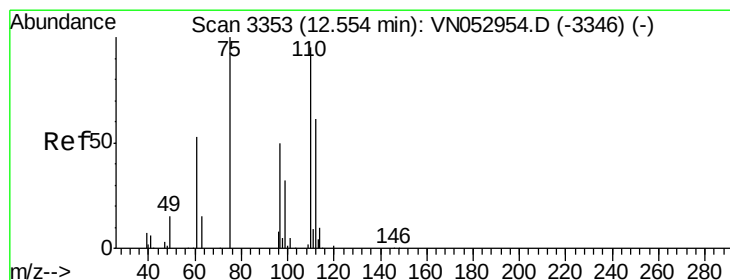
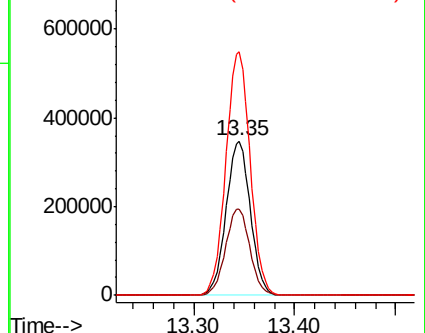
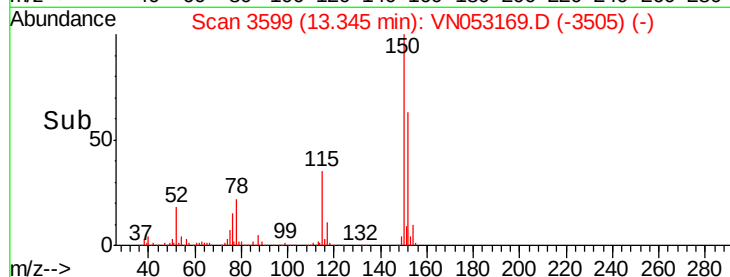
150 158.1 0.0 347.8



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: 31.159 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053169.D

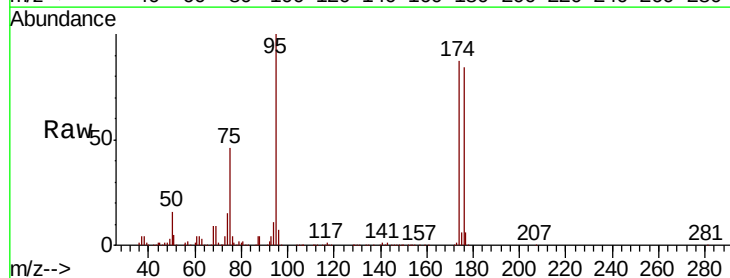
Acq: 23 Dec 2018 8:20

Tgt Ion: 75 Resp: 306072

Ion Ratio Lower Upper

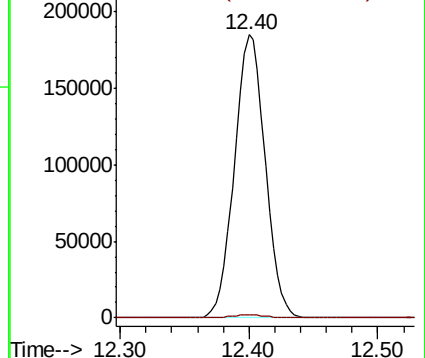
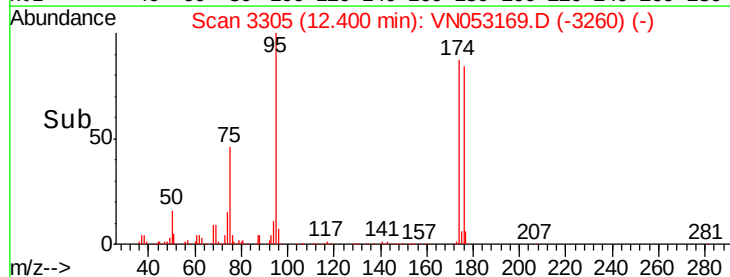
75 100

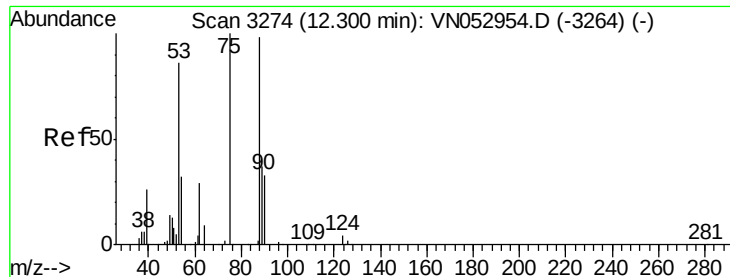
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

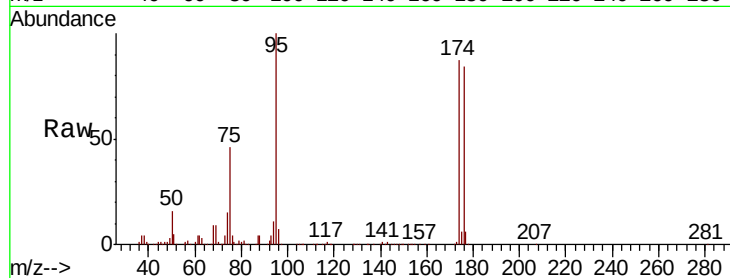




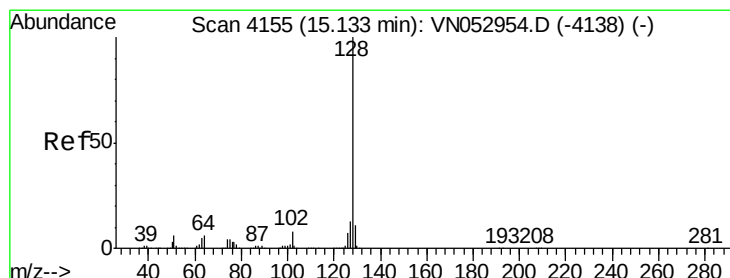
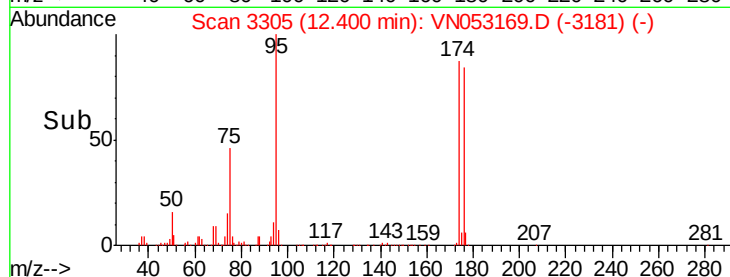
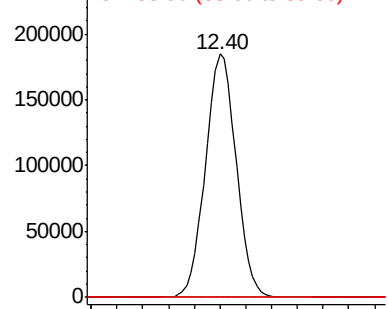
#81
trans-1,4-Dichloro-2-butene
Concen: 100.431 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN053169.D
Acq: 23 Dec 2018 8:20

Instrument :
MSVOA_N
ClientSampleId :
S72-0054

Tot Ion: 75 Resp: 306072
Ion Ratio Lower Upper
75 100
53 0.0 74.7 112.1#
89 0.0 36.1 54.1#

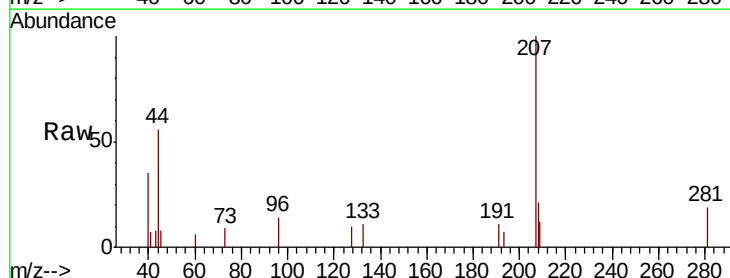


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 88.90 (88.60 to 89.60): VN0



#95
Naphthalene
Concen: 1.159 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN053169.D
Acq: 23 Dec 2018 8:20

Tgt Ion: 128 Resp: 287
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

