

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121718\
 Data File : VN052924.D
 Acq On : 17 Dec 2018 13:51
 Operator : MD\SY
 Sample : J6438-12 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 18 04:44:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1391895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2160525	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1891389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	720847	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	702893	47.49	ug/l	0.00
Spiked Amount			Recovery	=	94.98%	
35) Dibromofluoromethane	7.59	113	554136	45.95	ug/l	0.00
Spiked Amount			Recovery	=	91.90%	
50) Toluene-d8	10.09	98	2639073	50.47	ug/l	0.00
Spiked Amount			Recovery	=	100.94%	
62) 4-Bromofluorobenzene	12.40	95	838613	47.33	ug/l	0.00
Spiked Amount			Recovery	=	94.66%	

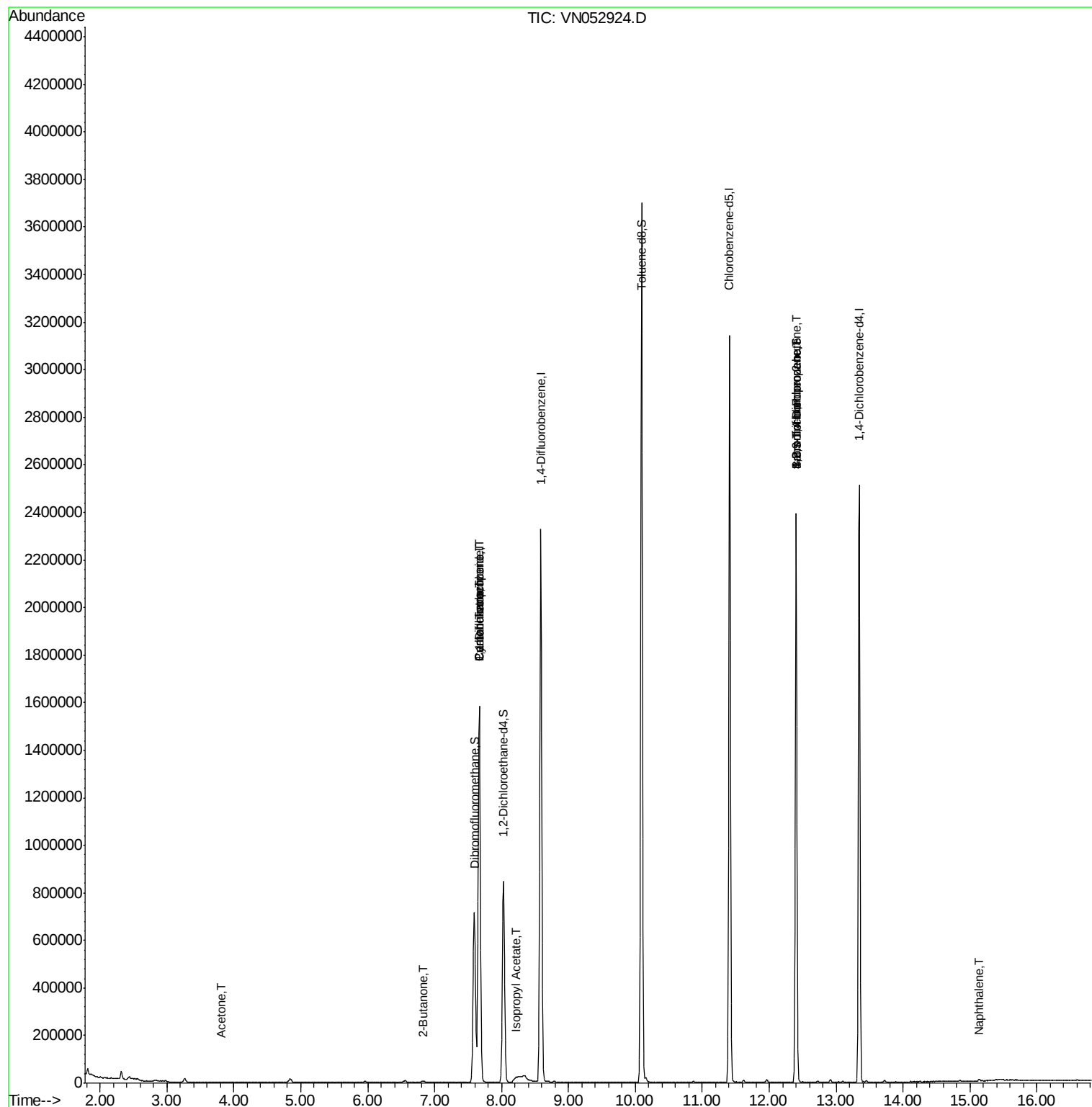
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	1617	0.486	ug/l #	37
25) 2-Butanone	6.84	43	6212	1.204	ug/l	94
31) Cyclohexane	7.67	56	23033	0.342	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	94112	4.730	ug/l #	48
38) Carbon Tetrachloride	7.67	117	122362	6.682	ug/l #	16
43) Isopropyl Acetate	8.22	43	22897	0.934	ug/l #	53
71) Bromoform	12.40	173	5001	0.539	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	390935	36.758	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	390935	118.086	ug/l #	12
95) Naphthalene	15.13	128	6583	0.250	ug/l	98

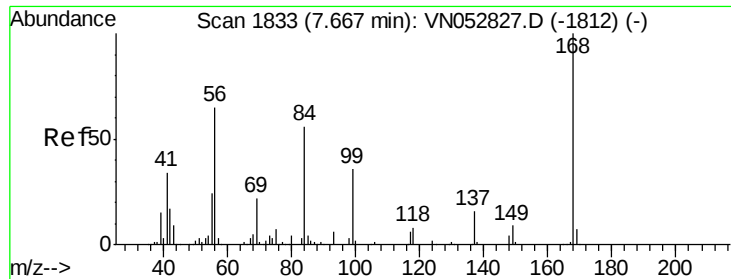
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121718\
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 28

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MSVOA_N
ClientSampleId :

Quant Time: Dec 18 04:44:08 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 13 01:08:35 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: VN052924.D

Acq: 17 Dec 2018 13:51

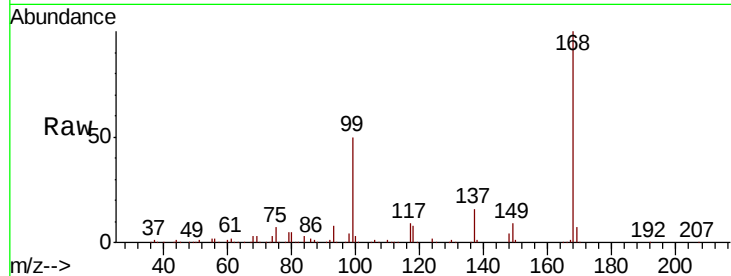
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 1391895

Ion Ratio Lower Upper

168 100

99 50.1 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

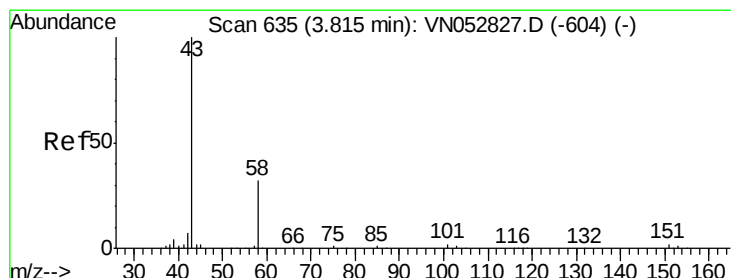
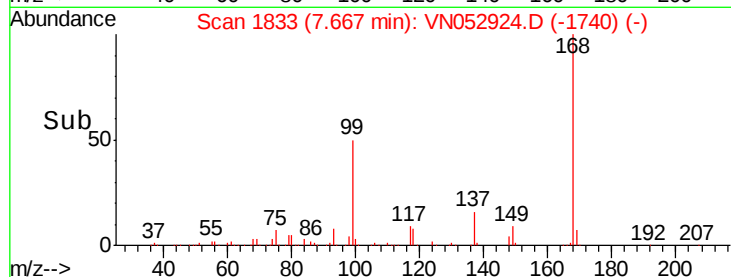
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 0.486 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN052924.D

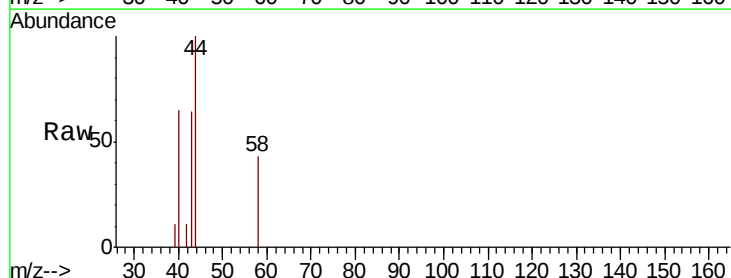
Acq: 17 Dec 2018 13:51

Tgt Ion: 43 Resp: 1617

Ion Ratio Lower Upper

43 100

58 66.7 25.4 38.0#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

1200

1000

800

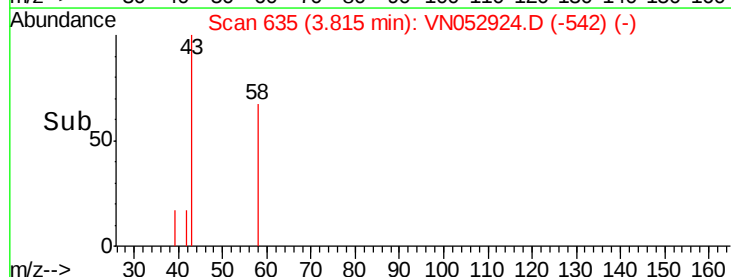
600

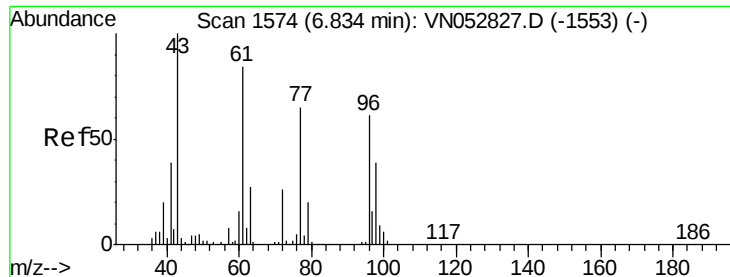
400

200

0

Time-->

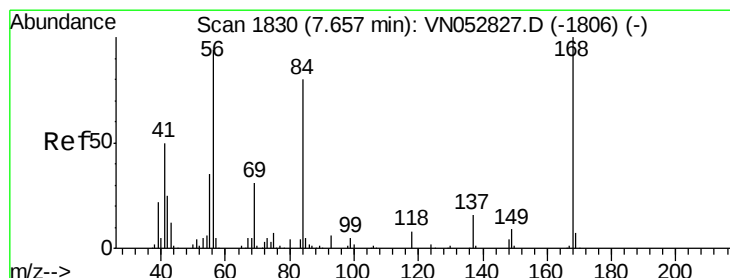
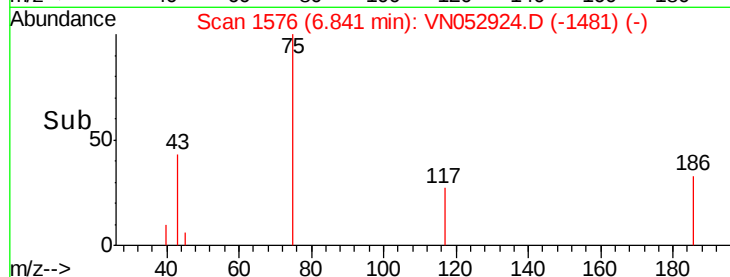
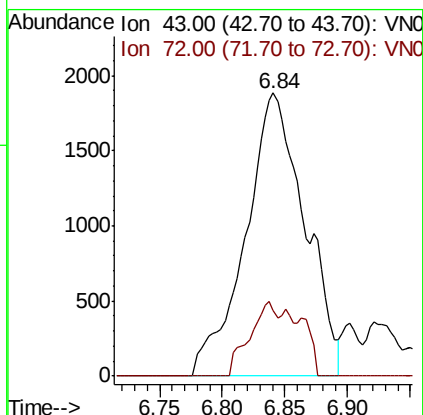
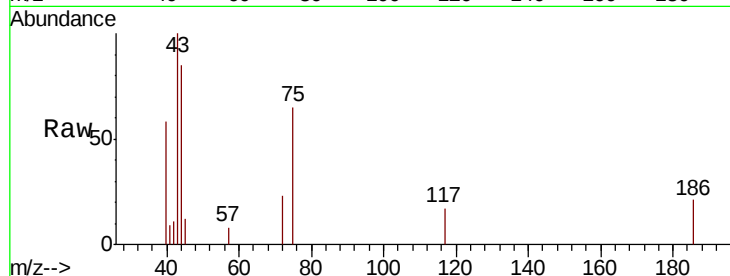




#25
2-Butanone
Concen: 1.204 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN052924.D
Acq: 17 Dec 2018 13:51

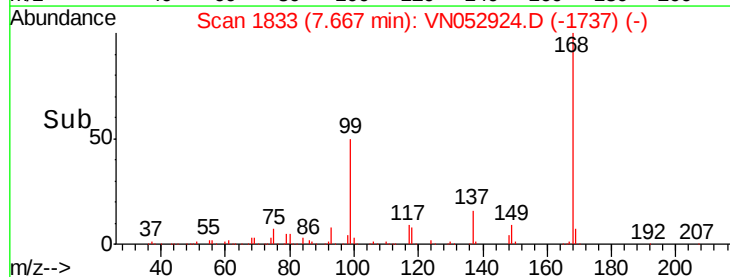
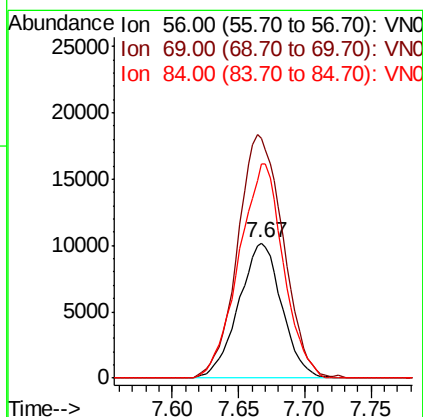
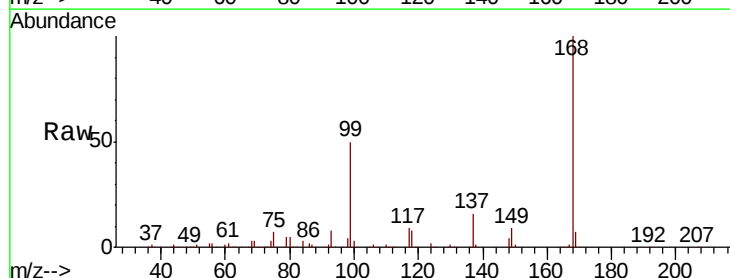
Instrument :
MSVOA_N
ClientSampleId :

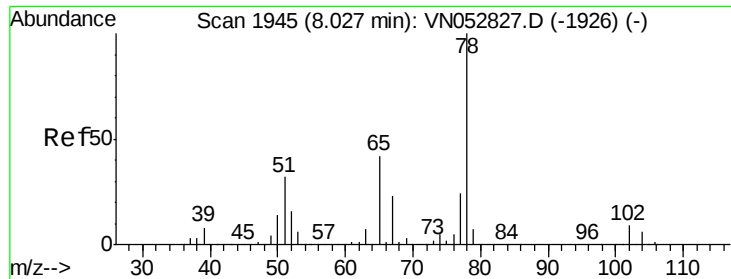
Tot Ion: 43 Resp: 6212
Ion Ratio Lower Upper
43 100
72 23.4 21.0 31.6



#31
Cyclohexane
Concen: 0.342 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN052924.D
Acq: 17 Dec 2018 13:51

Tgt Ion: 56 Resp: 23033
Ion Ratio Lower Upper
56 100
69 177.5 26.6 39.8#
84 158.2 68.4 102.6#





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052924.D

Acq: 17 Dec 2018 13:51

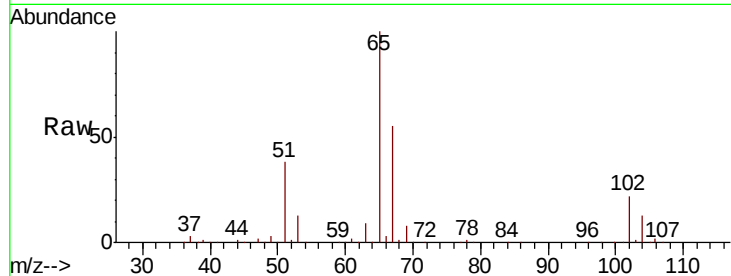
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 65 Resp: 702893

Ion Ratio Lower Upper

65 100

67 54.9 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN052827.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN052827.D (-1926) (-)

8.03

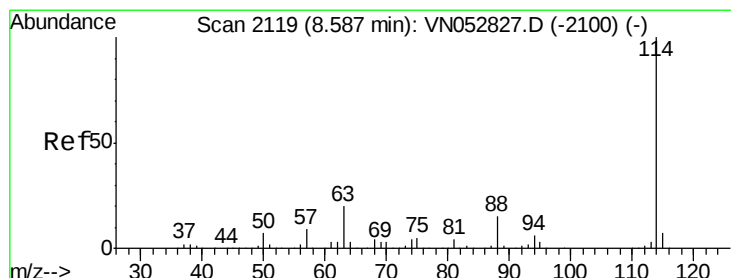
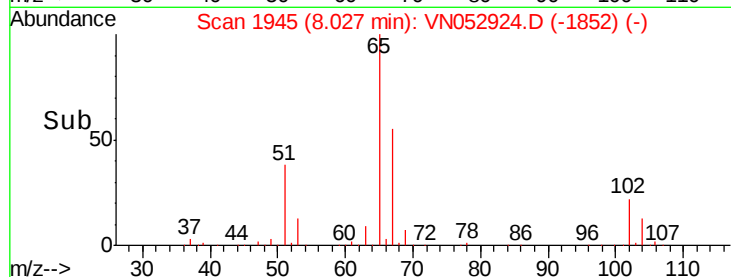
300000

200000

100000

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: VN052924.D

Acq: 17 Dec 2018 13:51

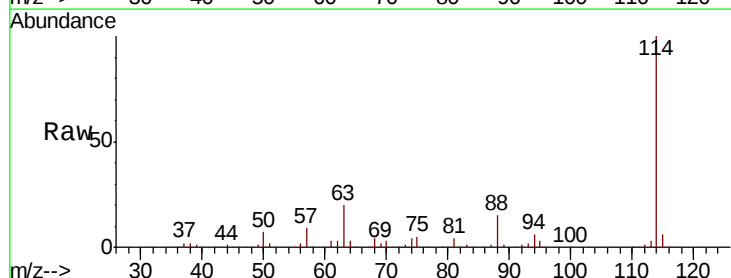
Tgt Ion: 114 Resp: 2160525

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.8

88 15.4 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VN052827.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN052827.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN052827.D (-2100) (-)

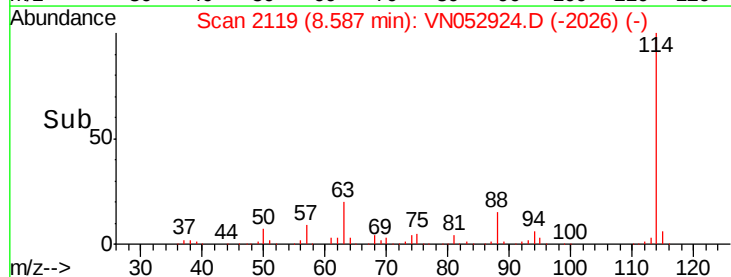
8.59

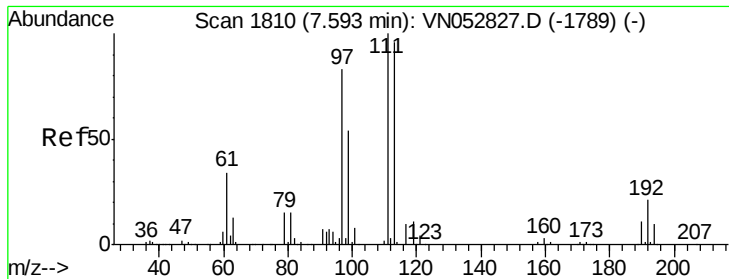
1000000

500000

0

Time--> 8.50 8.60 8.70

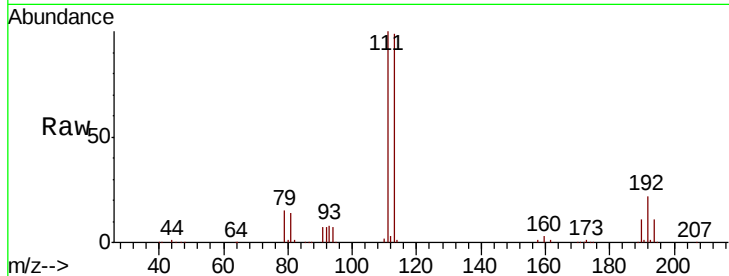




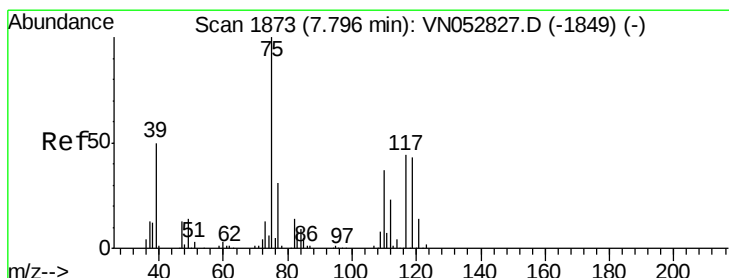
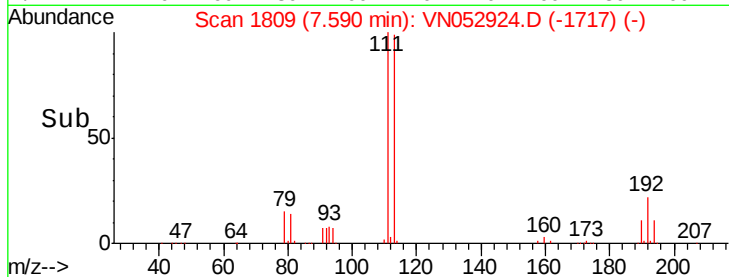
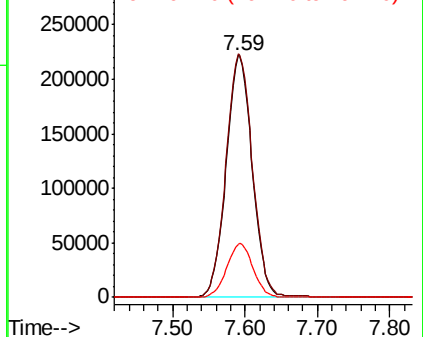
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052924.D
 Acq: 17 Dec 2018 13:51

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	83.0	124.4
192	22.2	17.5	26.3

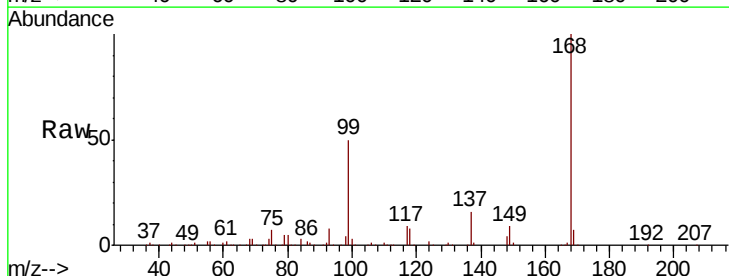


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

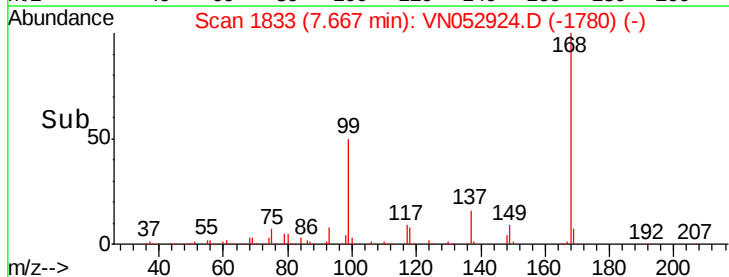
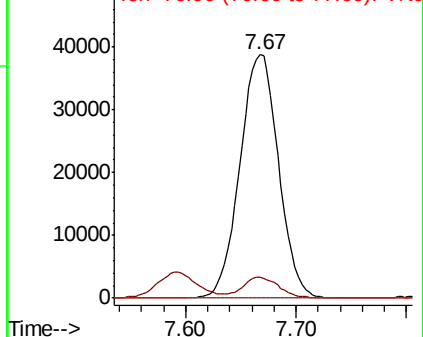


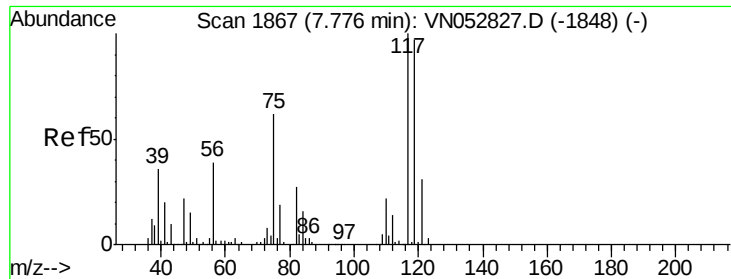
#36
 1,1-Dichloropropene
 Concen: 4.730 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN052924.D
 Acq: 17 Dec 2018 13:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.0	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

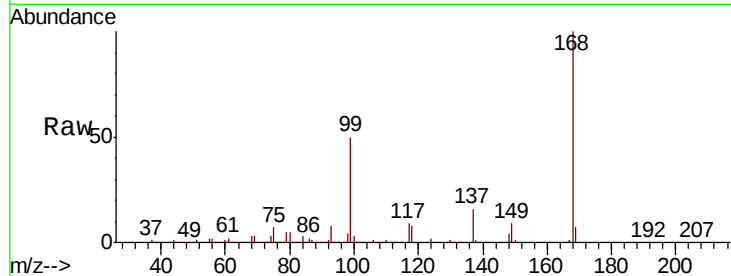




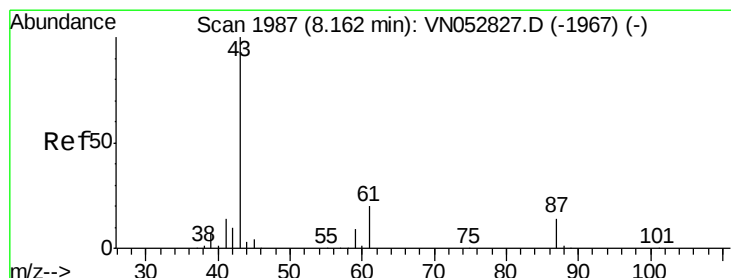
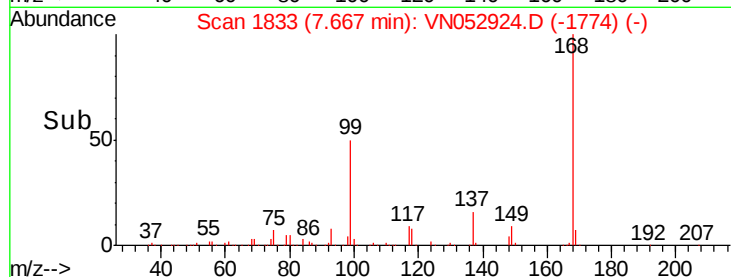
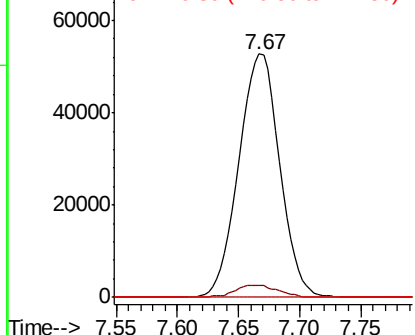
#38
Carbon Tetrachloride
Concen: 6.682 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN052924.D
Acq: 17 Dec 2018 13:51

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 122362
Ion Ratio Lower Upper
117 100
119 5.1 77.1 115.7#
121 0.0 24.9 37.3#

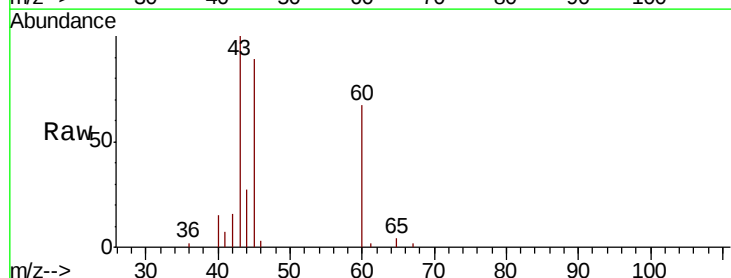


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

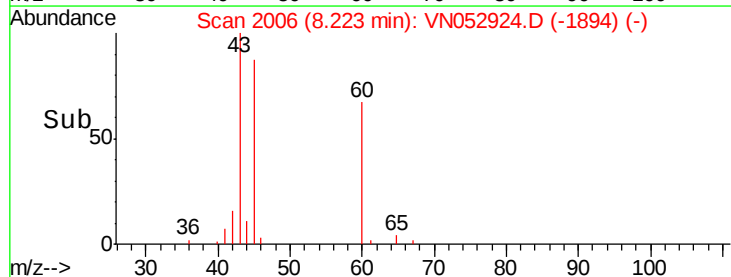
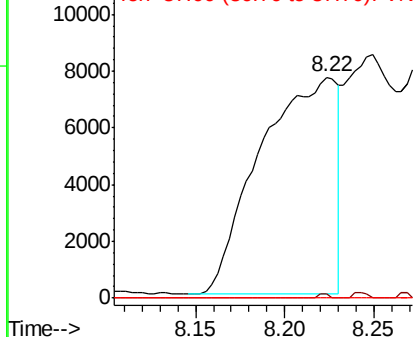


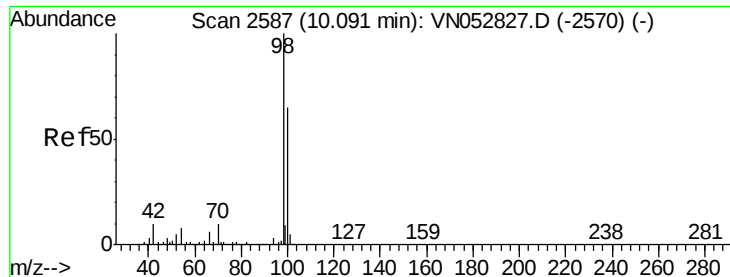
#43
Isopropyl Acetate
Concen: 0.934 ug/l
RT: 8.22 min Scan# 2006
Delta R.T. 0.06 min
Lab File: VN052924.D
Acq: 17 Dec 2018 13:51

Tgt Ion: 43 Resp: 22897
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: VN052924.D

Acq: 17 Dec 2018 13:51

Instrument :

MSVOA_N

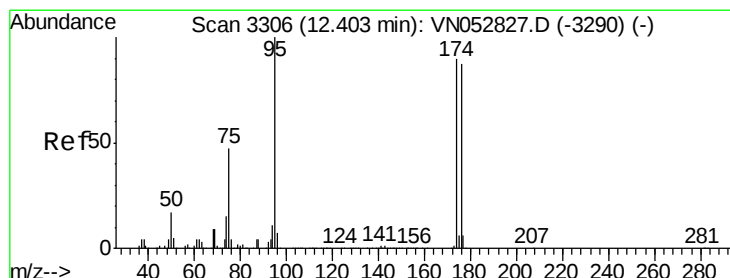
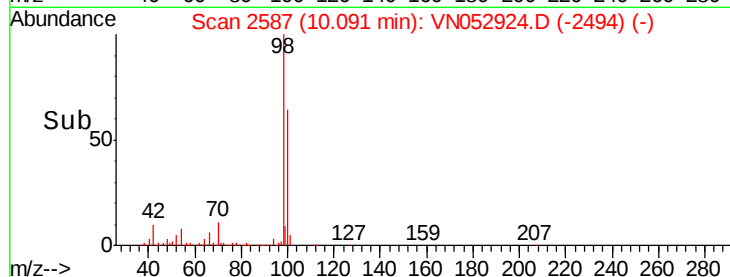
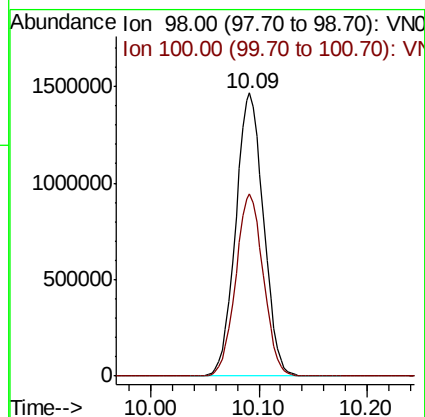
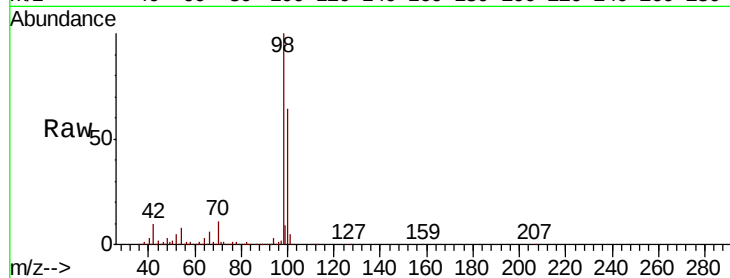
ClientSampleId :

Tot Ion: 98 Resp: 2639073

Ion Ratio Lower Upper

98 100

100 63.9 51.6 77.4



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052924.D

Acq: 17 Dec 2018 13:51

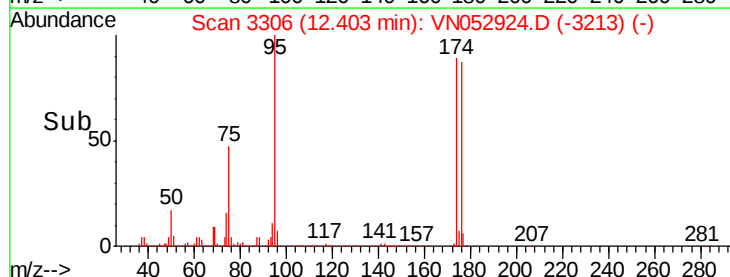
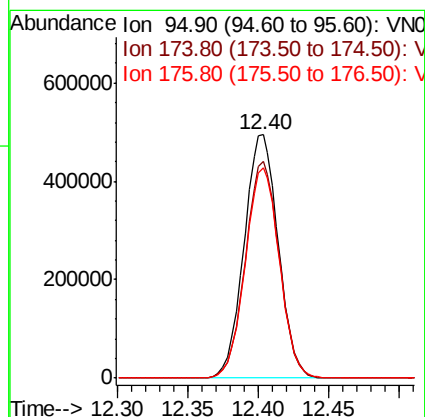
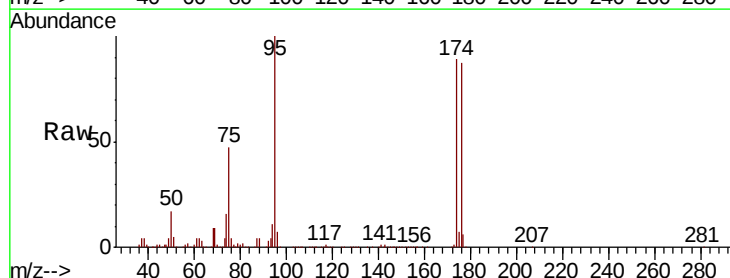
Tgt Ion: 95 Resp: 838613

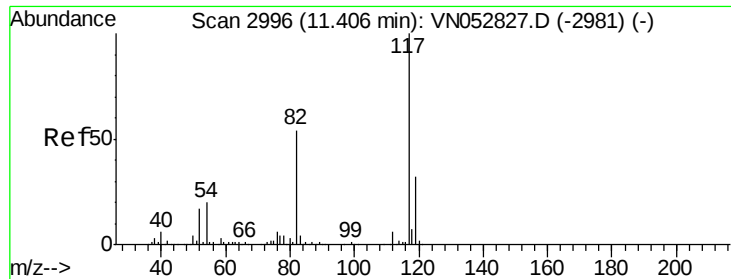
Ion Ratio Lower Upper

95 100

174 88.5 0.0 178.8

176 86.3 0.0 173.8

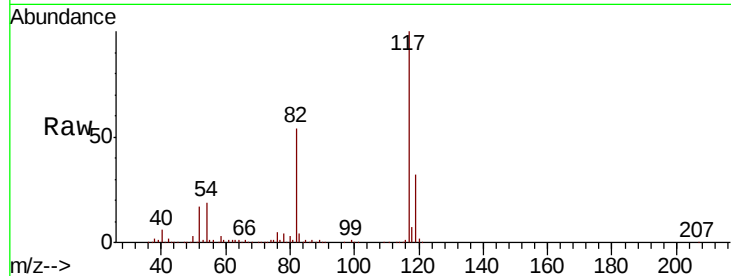




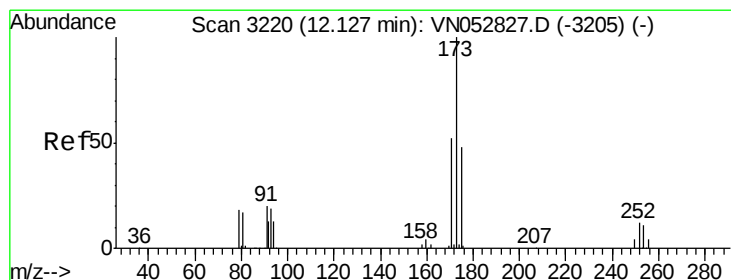
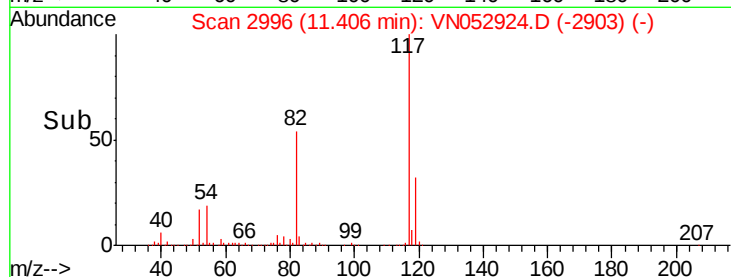
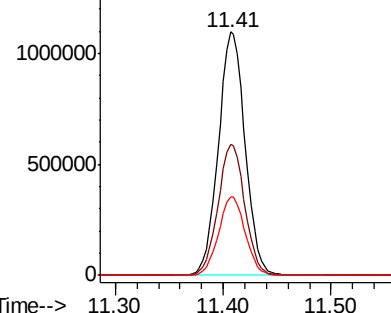
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052924.D
Acq: 17 Dec 2018 13:51

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 1891389
Ion Ratio Lower Upper
117 100
82 53.9 42.8 64.2
119 32.3 25.5 38.3

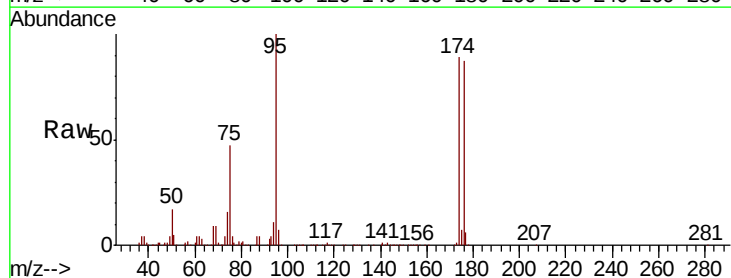


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

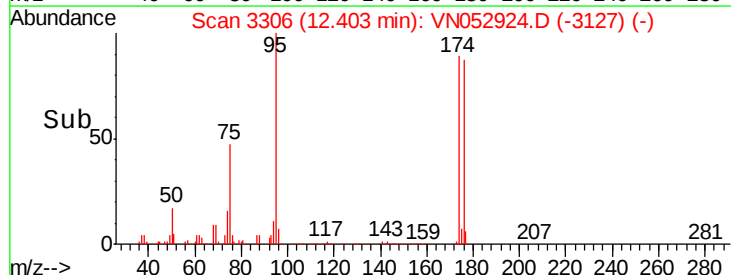
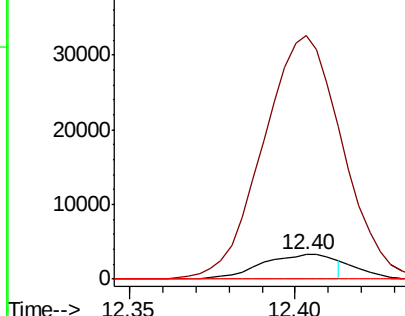


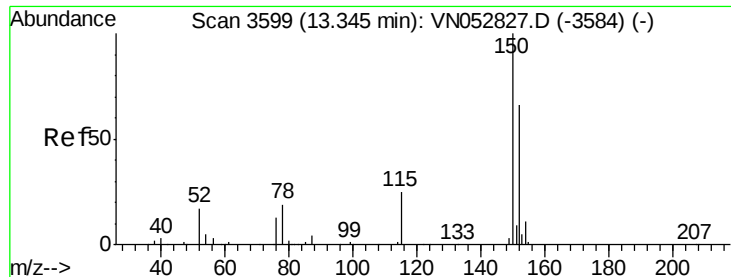
#71
Bromoform
Concen: 0.539 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN052924.D
Acq: 17 Dec 2018 13:51

Tgt Ion:173 Resp: 5001
Ion Ratio Lower Upper
173 100
175 938.5 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: VN052924.D

Acq: 17 Dec 2018 13:51

Instrument :

MSVOA_N

ClientSampled :

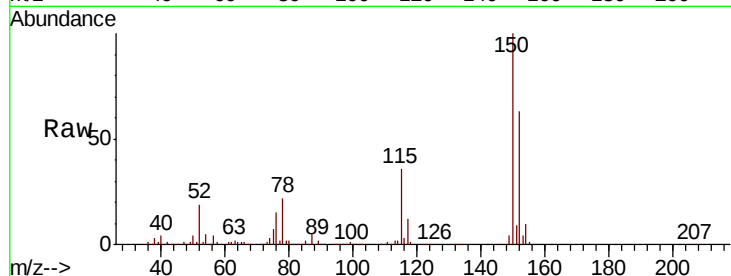
Tot Ion:152 Resp: 720847

Ion Ratio Lower Upper

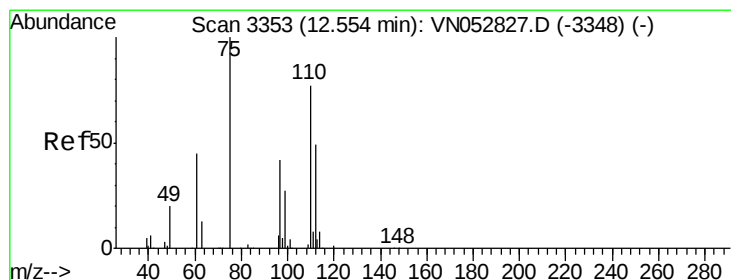
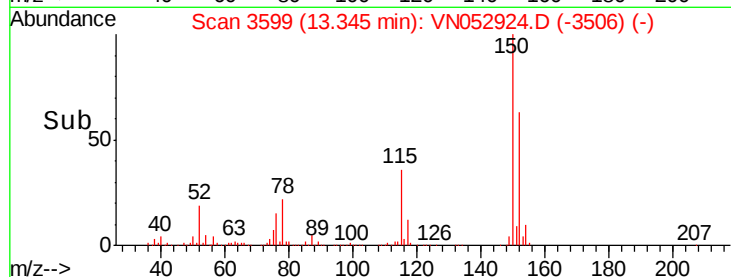
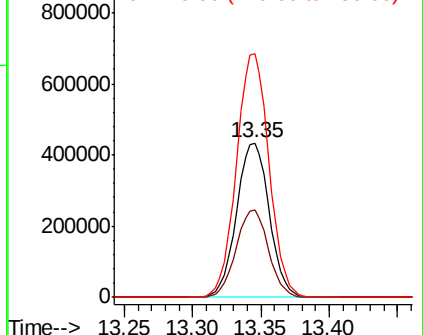
152 100

115 56.2 28.3 85.0

150 157.0 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: 36.758 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN052924.D

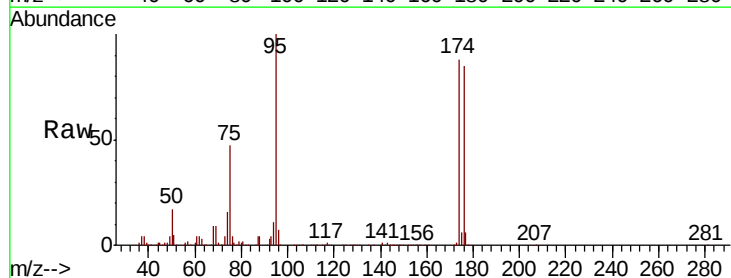
Acq: 17 Dec 2018 13:51

Tgt Ion: 75 Resp: 390935

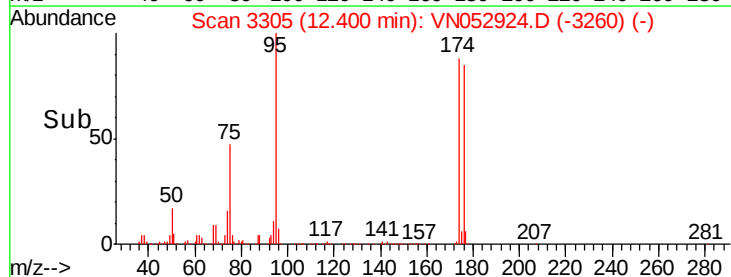
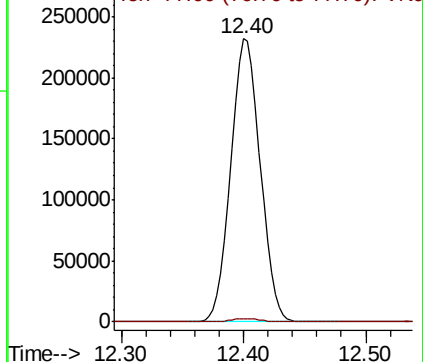
Ion Ratio Lower Upper

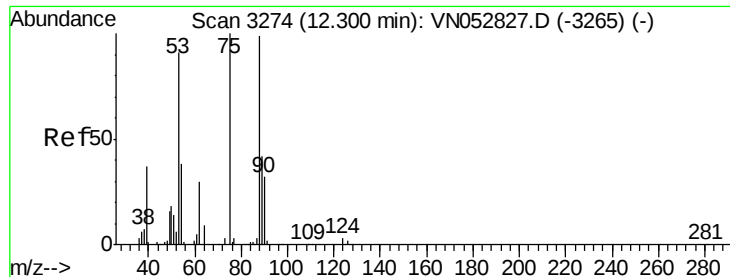
75 100

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: 118.086 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN052924.D

Acq: 17 Dec 2018 13:51

Instrument :

MSVOA_N

ClientSampleId :

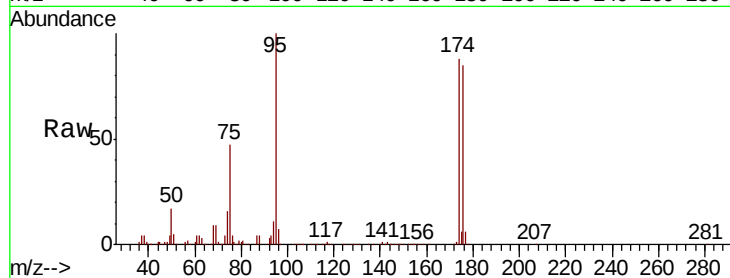
Tot Ion: 75 Resp: 390935

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

89 0.0 36.1 54.1#

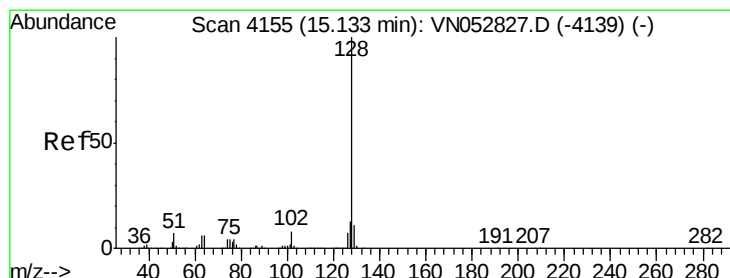
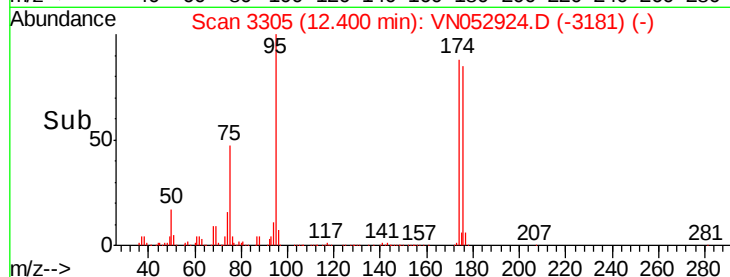
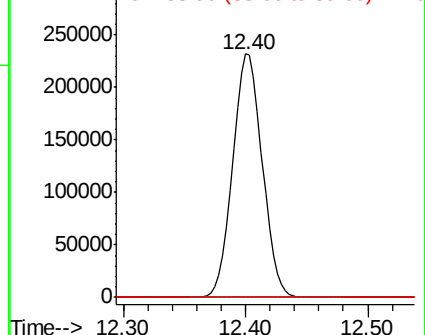


Abundance

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: 0.250 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN052924.D

Acq: 17 Dec 2018 13:51

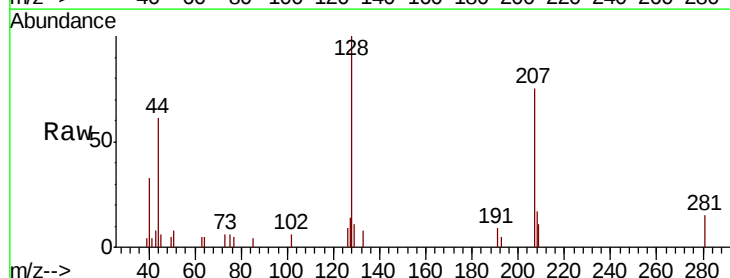
Tgt Ion:128 Resp: 6583

Ion Ratio Lower Upper

128 100

127 11.5 10.2 15.4

129 10.3 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

