

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122218\
 Data File : VN053153.D
 Acq On : 23 Dec 2018 1:12
 Operator : MD\SY
 Sample : J6446-05ME 10X
 Misc : 6.46g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 33 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS026-1218-01ME

Quant Time: Dec 23 23:12:32 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	1269858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1942814	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1733809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	692219	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	615019	47.73	ug/l	0.00
Spiked Amount			Recovery	=	95.46%	
35) Dibromofluoromethane	7.59	113	520677	58.67	ug/l	0.00
Spiked Amount			Recovery	=	117.34%	
50) Toluene-d8	10.09	98	2374418	49.84	ug/l	0.00
Spiked Amount			Recovery	=	99.68%	
62) 4-Bromofluorobenzene	12.40	95	787362	47.08	ug/l	0.00
Spiked Amount			Recovery	=	94.16%	

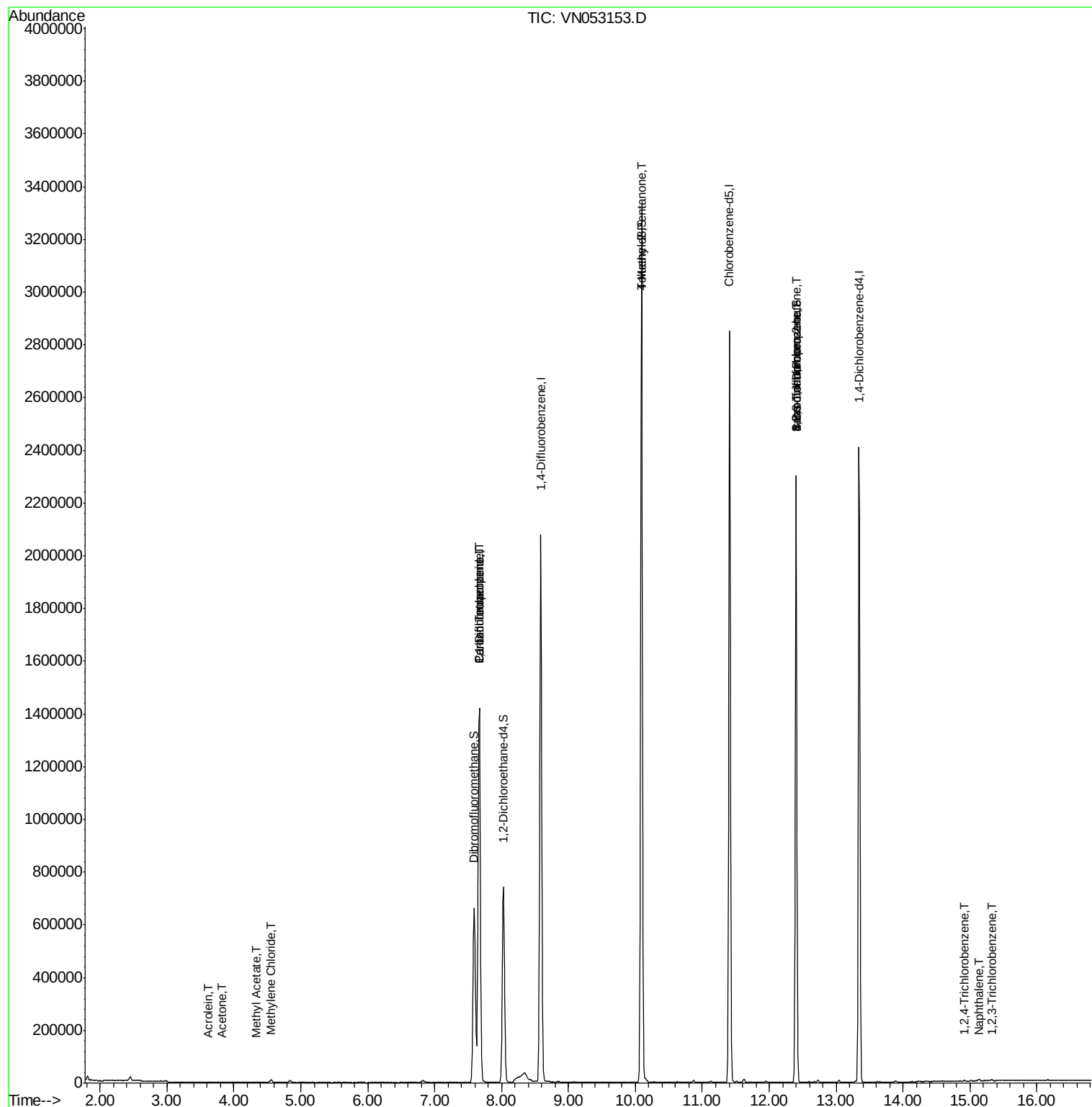
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.60	56	256	0.359	ug/l #	28
16) Acetone	3.82	43	1580	0.625	ug/l	91
18) Methyl Acetate	4.32	43	1260	1.100	ug/l #	73
20) Methylene Chloride	4.55	84	8073	0.586	ug/l	97
31) Cyclohexane	7.66	56	20665	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	83693	4.488	ug/l #	48
38) Carbon Tetrachloride	7.67	117	107712	6.302	ug/l #	16
43) Isopropyl Acetate	8.24	43	19937	Below Cal	#	53
51) 4-Methyl-2-Pentanone	10.09	43	8808	0.874	ug/l #	1
71) Bromoform	12.40	173	4762	0.493	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	363004	31.152	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	363004	100.406	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.91	180	1615	0.724	ug/l	88
94) Hexachlorobutadiene	15.00	225	447	Below Cal		85
95) Naphthalene	15.14	128	5501	1.344	ug/l	96
96) 1,2,3-Trichlorobenzene	15.32	180	1652	0.654	ug/l #	87

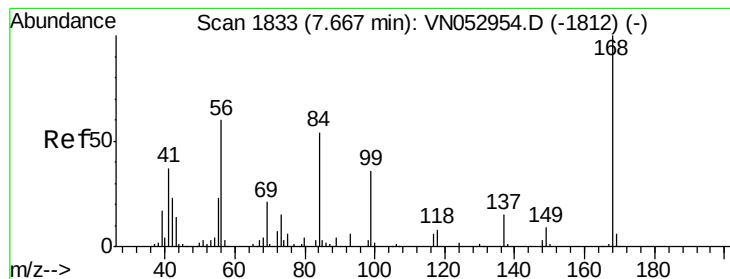
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN122218\
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Acq On : 23 Dec 2018 1:12
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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: VN053153.D

Acq: 23 Dec 2018 1:12

Instrument :

MSVOA_N

ClientSampleId :

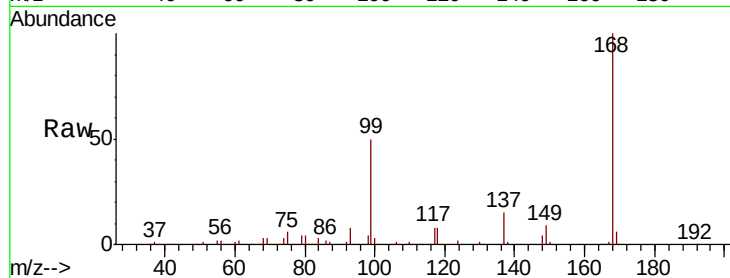
P001-SS026-1218-01ME

Tot Ion:168 Resp: 1269858

Ion Ratio Lower Upper

168 100

99 49.7 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN053153.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053153.D (-1740) (-)

7.67

600000

500000

400000

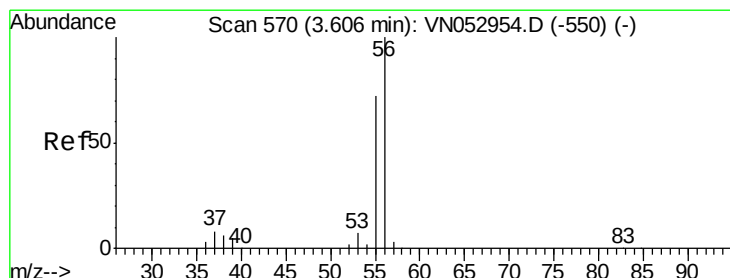
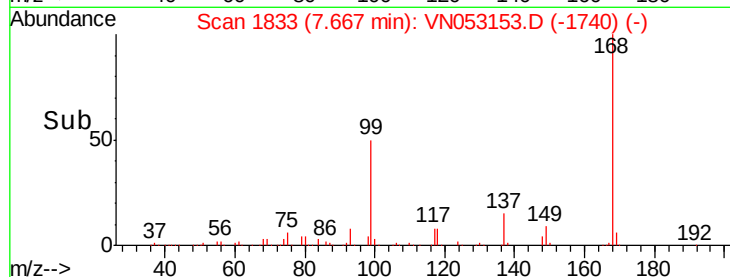
300000

200000

100000

0

Time-->



#13

Acrolein

Concen: 0.359 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN053153.D

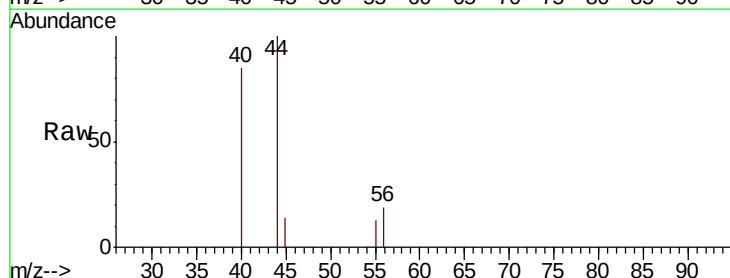
Acq: 23 Dec 2018 1:12

Tgt Ion: 56 Resp: 256

Ion Ratio Lower Upper

56 100

55 11.7 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VN053153.D (-477) (-)

Ion 55.00 (54.70 to 55.70): VN053153.D (-477) (-)

3.60

250

200

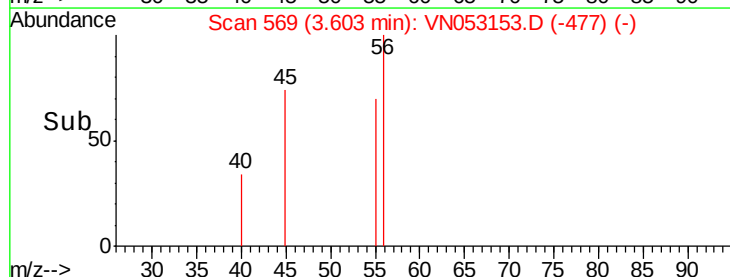
150

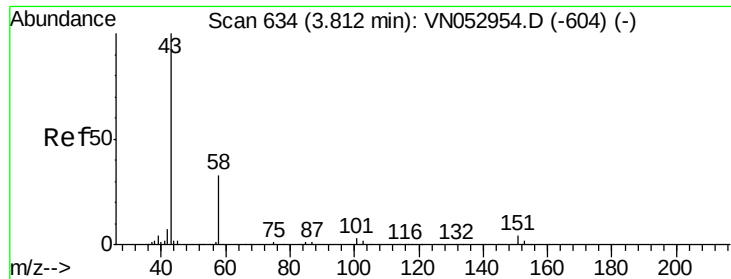
100

50

0

Time-->

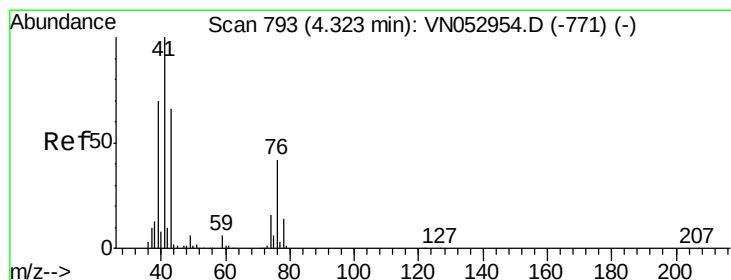
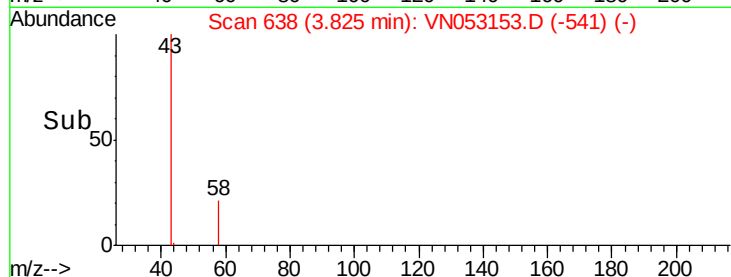
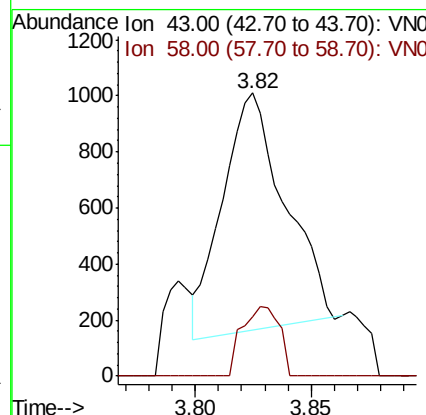
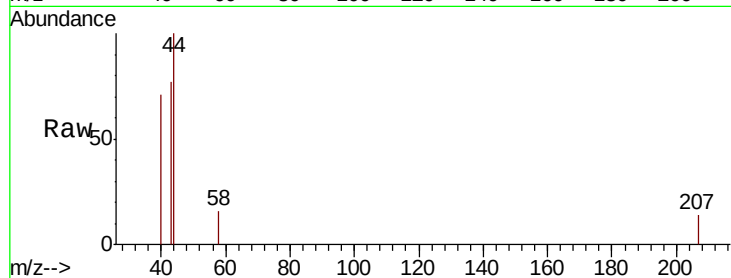




#16
Acetone
Concen: 0.625 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN053153.D
Acq: 23 Dec 2018 1:12

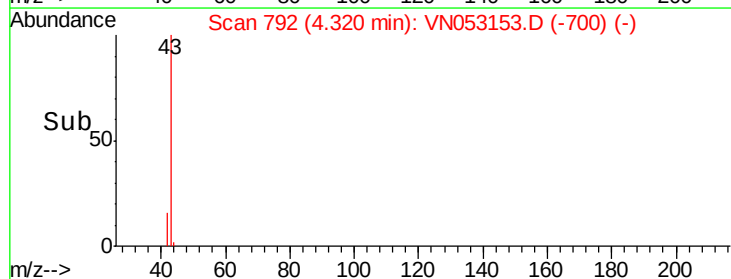
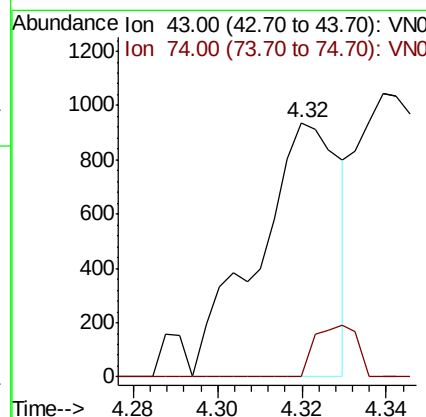
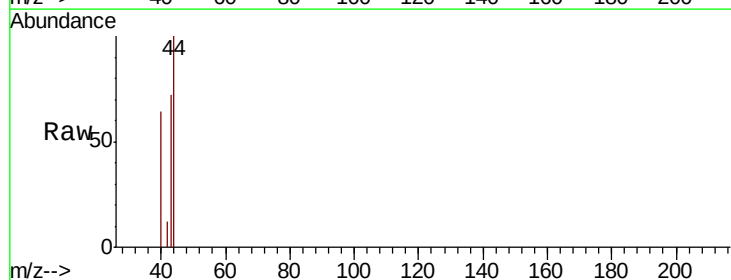
Instrument :
MSVOA_N
ClientSampleId :
P001-SS026-1218-01ME

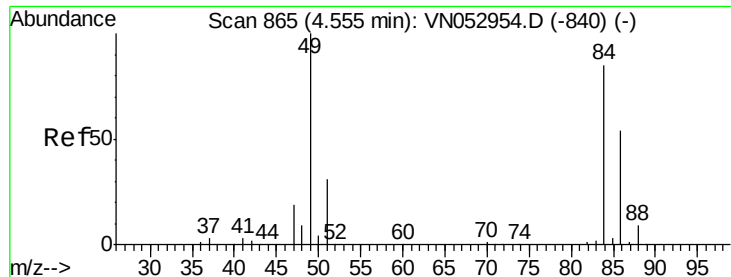
Tot Ion: 43 Resp: 1580
Ion Ratio Lower Upper
43 100
58 26.6 25.4 38.0



#18
Methyl Acetate
Concen: 1.100 ug/l
RT: 4.32 min Scan# 792
Delta R.T. -0.00 min
Lab File: VN053153.D
Acq: 23 Dec 2018 1:12

Tgt Ion: 43 Resp: 1260
Ion Ratio Lower Upper
43 100
74 10.6 19.2 28.8#

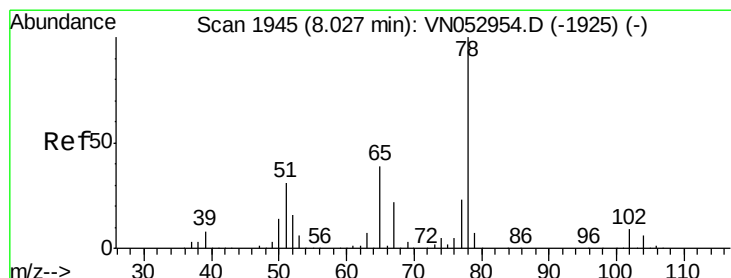
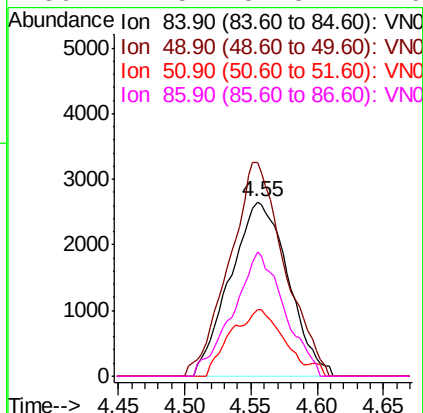
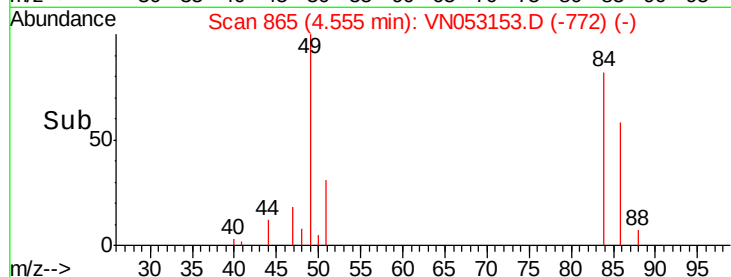
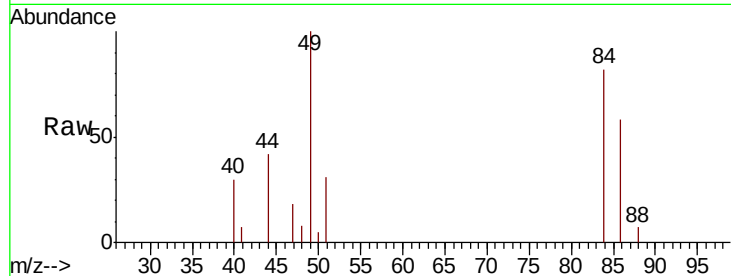




#20
Methylene Chloride
Concen: 0.586 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN053153.D
Acq: 23 Dec 2018 1:12

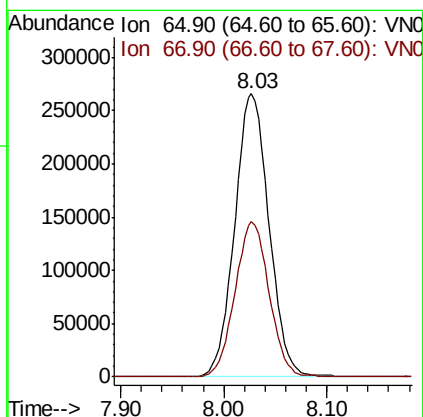
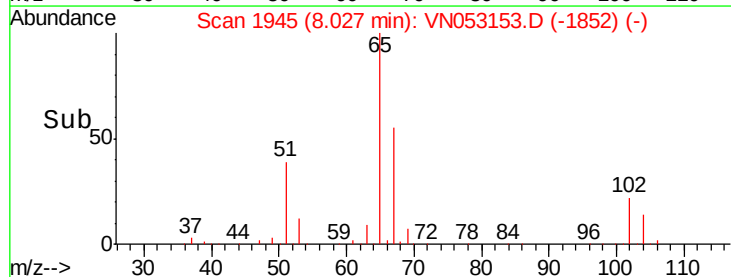
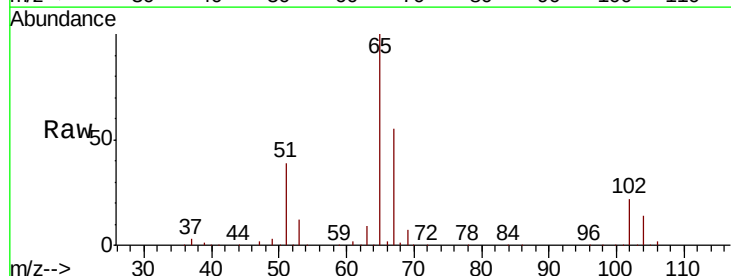
Instrument :
MSVOA_N
ClientSampleId :
P001-SS026-1218-01ME

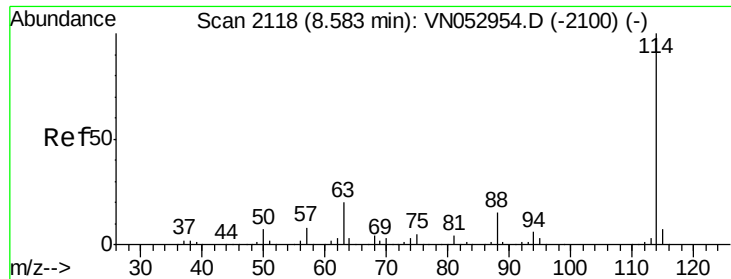
Tot Ion: 84 Resp: 8073
Ion Ratio Lower Upper
84 100
49 122.3 96.8 145.2
51 38.2 29.9 44.9
86 71.5 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN053153.D
Acq: 23 Dec 2018 1:12

Tgt Ion: 65 Resp: 615019
Ion Ratio Lower Upper
65 100
67 54.7 0.0 110.4

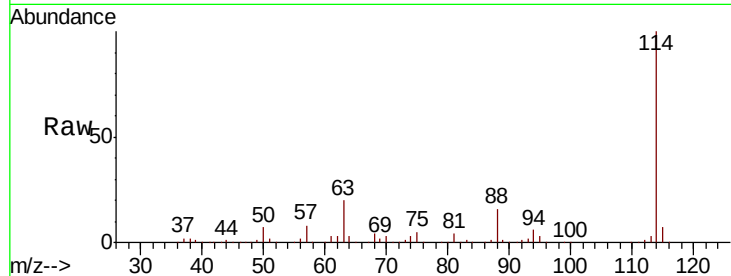




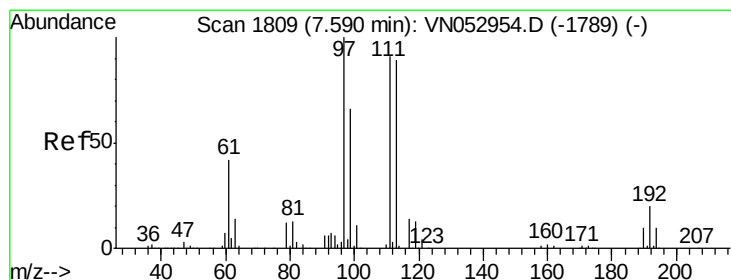
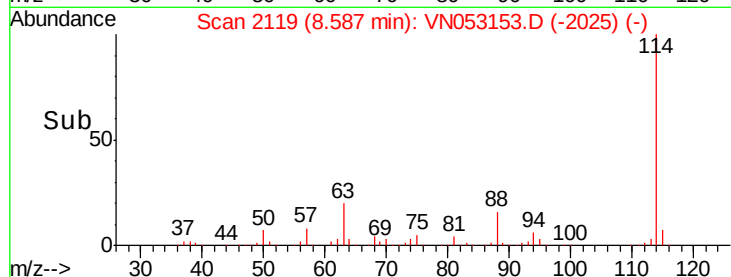
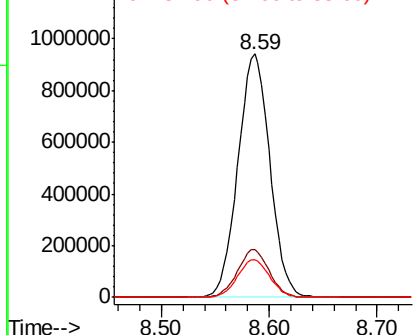
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053153.D
 Acq: 23 Dec 2018 1:12

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS026-1218-01ME

Tot Ion:114 Resp: 1942814
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.8
 88 15.5 0.0 31.0

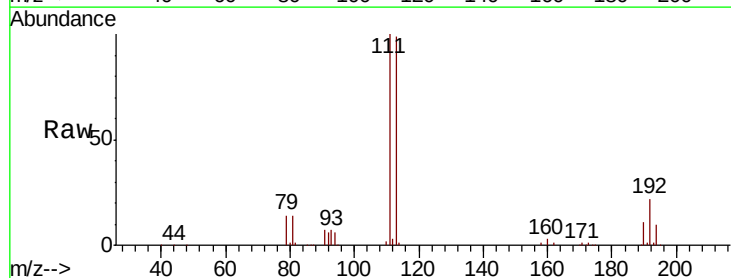


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

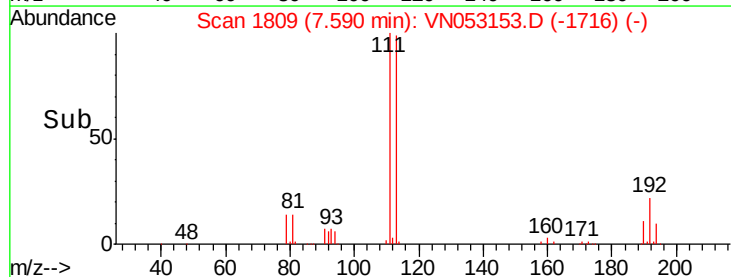
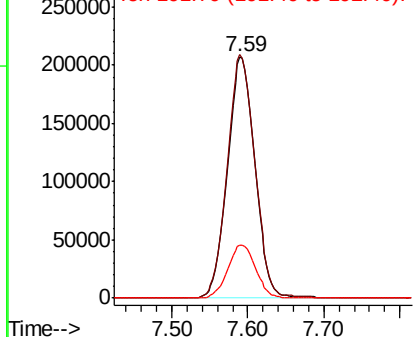


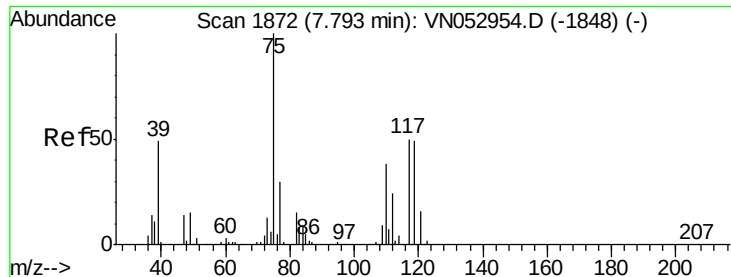
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053153.D
 Acq: 23 Dec 2018 1:12

Tgt Ion:113 Resp: 520677
 Ion Ratio Lower Upper
 113 100
 111 101.6 83.0 124.4
 192 22.4 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

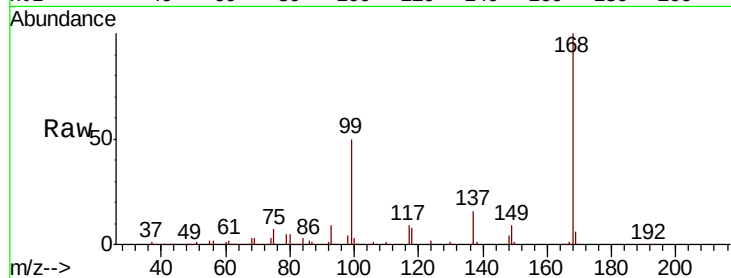




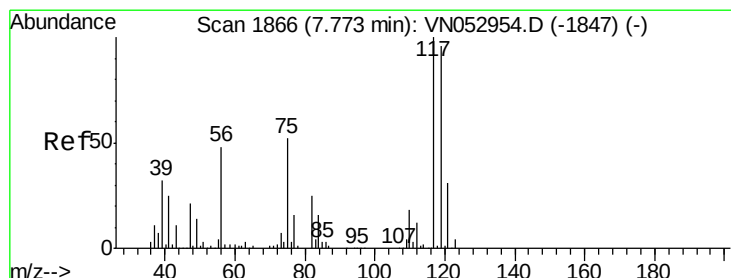
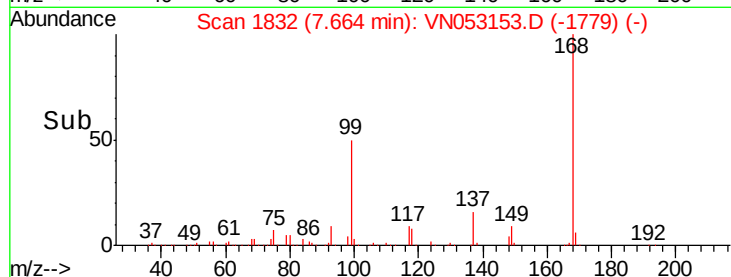
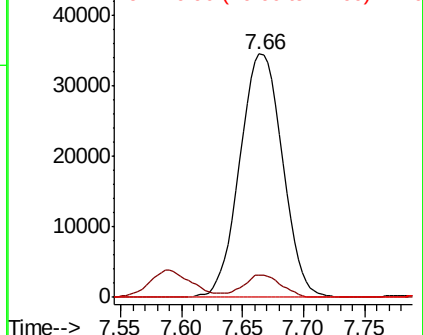
#36
 1,1-Dichloropropene
 Concen: 4.488 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053153.D
 Acq: 23 Dec 2018 1:12

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS026-1218-01ME

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.0	18.2	54.6#
77	0.0	24.9	37.3#

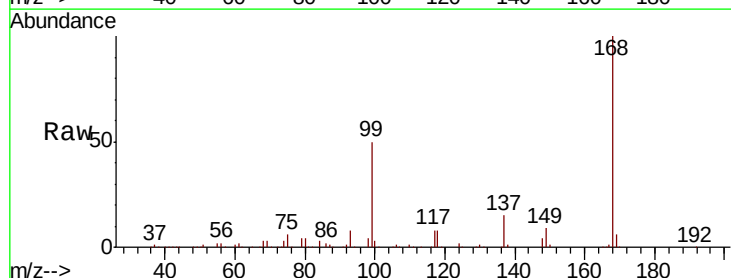


Abundance Ion 74.90 (74.60 to 75.60): VN053153.D (-1779) (-)

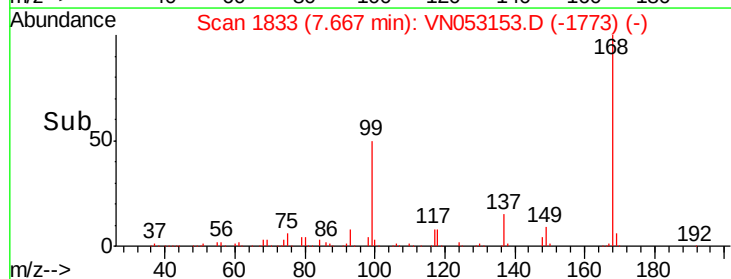
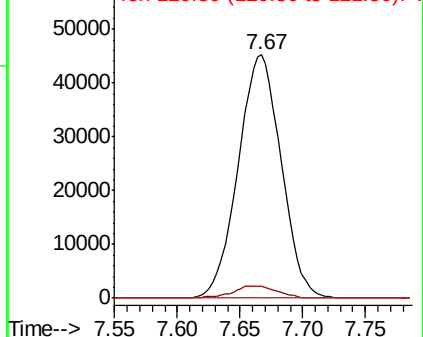


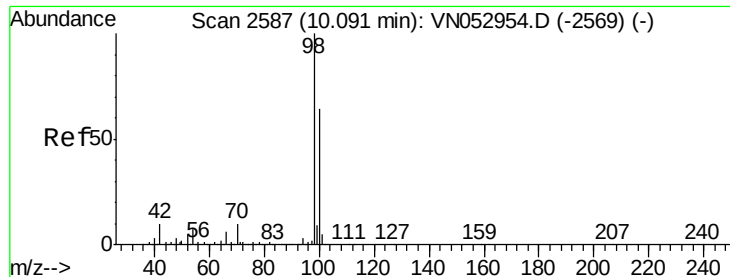
#38
 Carbon Tetrachloride
 Concen: 6.302 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN053153.D
 Acq: 23 Dec 2018 1:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.9	77.1	115.7#
121	0.0	24.9	37.3#



Abundance Ion 116.80 (116.50 to 117.50): VN053153.D (-1773) (-)





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053153.D

Acq: 23 Dec 2018 1:12

Instrument :

MSVOA_N

ClientSampleId :

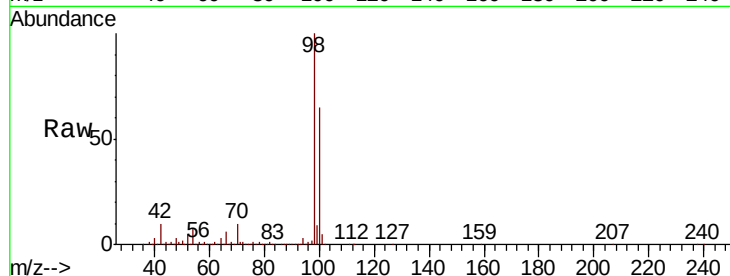
P001-SS026-1218-01ME

Tot Ion: 98 Resp: 2374418

Ion Ratio Lower Upper

98 100

100 64.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

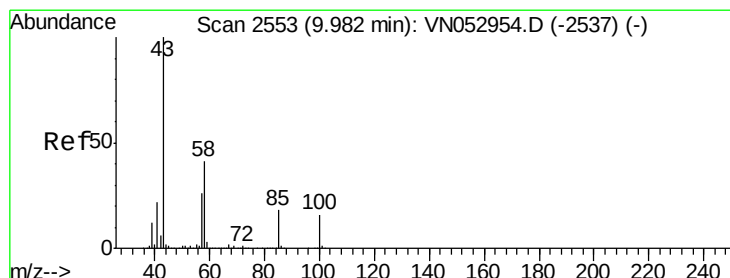
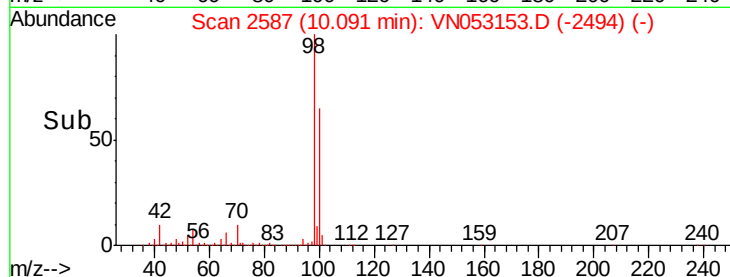
1500000

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: VN053153.D

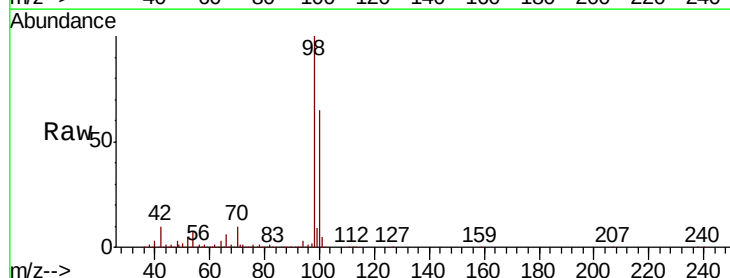
Acq: 23 Dec 2018 1:12

Tgt Ion: 43 Resp: 8808

Ion Ratio Lower Upper

43 100

58 209.9 32.2 48.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

12000

10000

8000

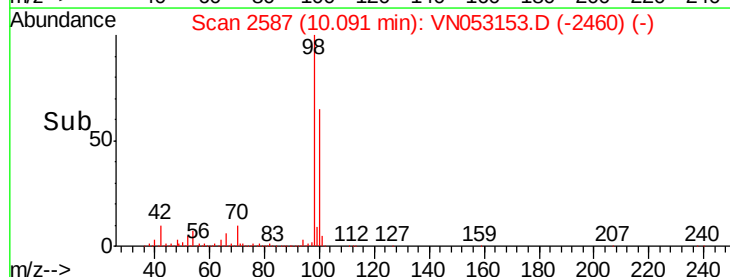
6000

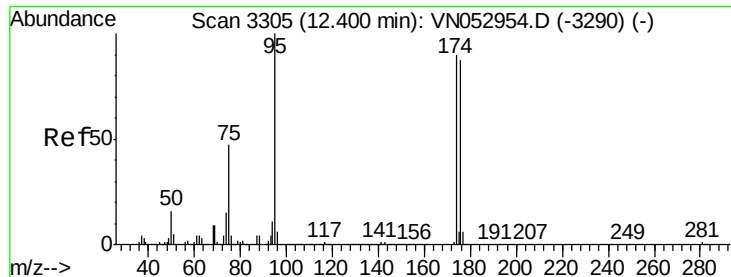
4000

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: VN053153.D

Acq: 23 Dec 2018 1:12

Instrument :

MSVOA_N

ClientSampleId :

P001-SS026-1218-01ME

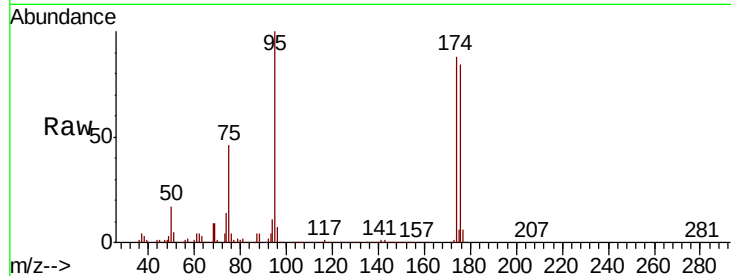
Tot Ion: 95 Resp: 787362

Ion Ratio Lower Upper

95 100

174 89.3 0.0 178.8

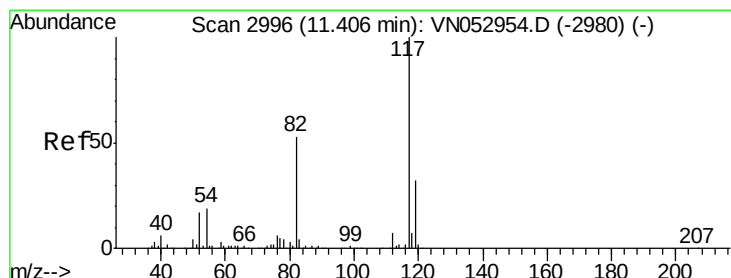
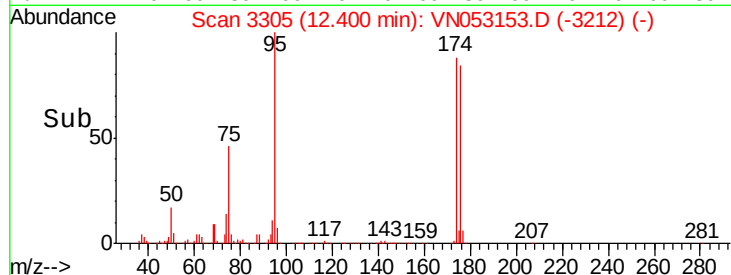
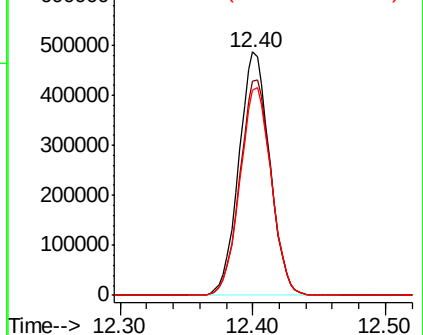
176 86.6 0.0 173.8



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN053153.D

Acq: 23 Dec 2018 1:12

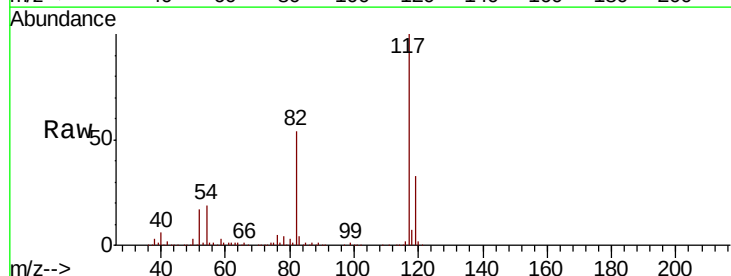
Tgt Ion: 117 Resp: 1733809

Ion Ratio Lower Upper

117 100

82 53.7 42.8 64.2

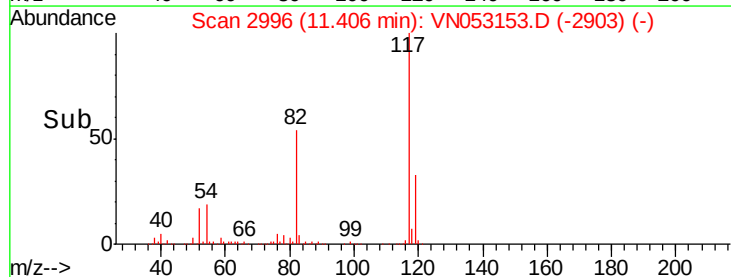
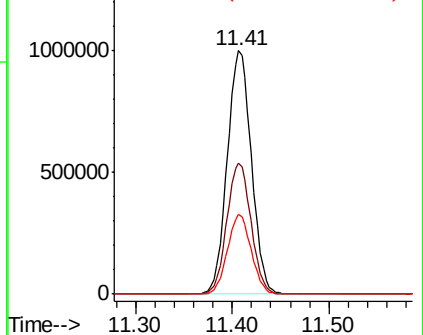
119 32.7 25.5 38.3

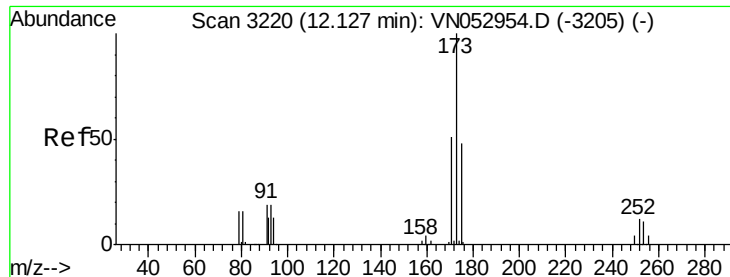


Abundance Ion 116.90 (116.60 to 117.60): VN052954.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN052954.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN052954.D (-2980) (-)





#71

Bromoform

Concen: 0.493 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN053153.D

Acq: 23 Dec 2018 1:12

Instrument :

MSVOA_N

ClientSampleId :

P001-SS026-1218-01ME

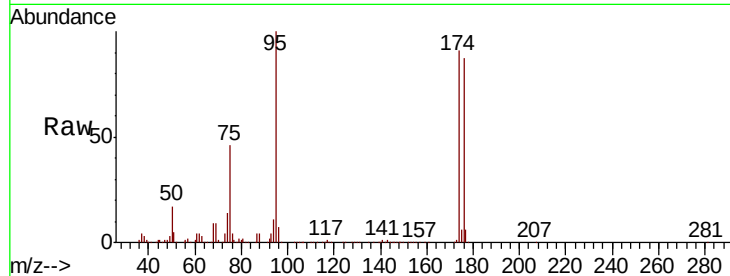
Tot Ion:173 Resp: 4762

Ion Ratio Lower Upper

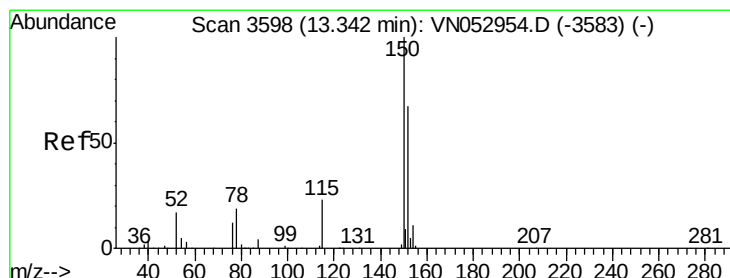
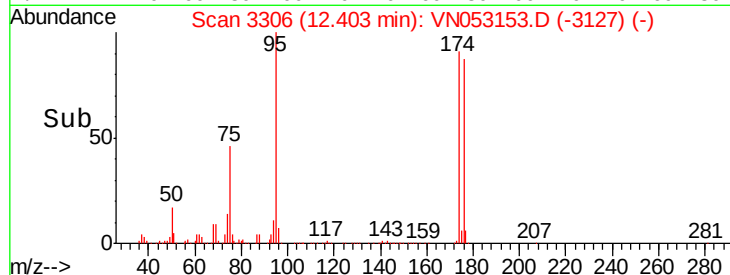
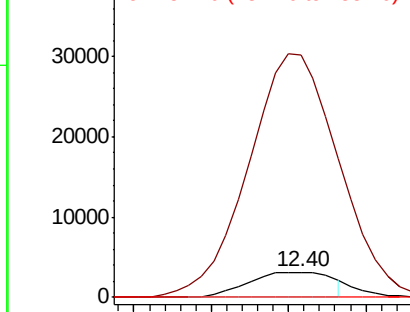
173 100

175 915.9 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: VN053153.D

Acq: 23 Dec 2018 1:12

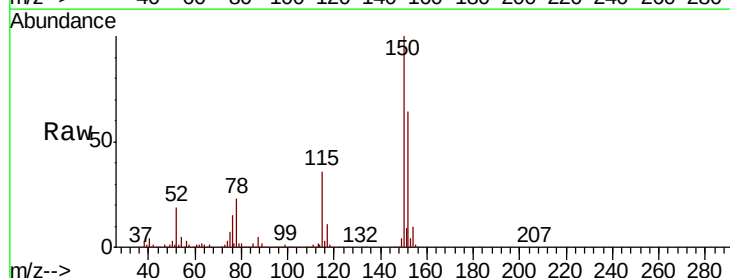
Tgt Ion:152 Resp: 692219

Ion Ratio Lower Upper

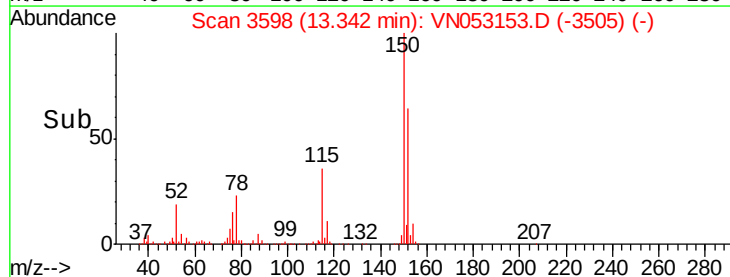
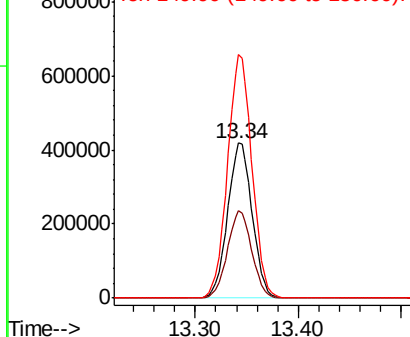
152 100

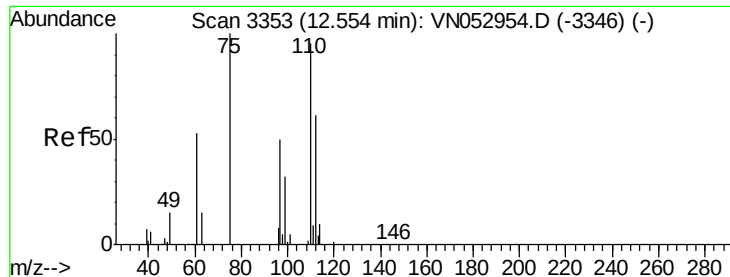
115 56.0 28.3 85.0

150 156.1 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: 31.152 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053153.D

Acq: 23 Dec 2018 1:12

Instrument :

MSVOA_N

ClientSampleId :

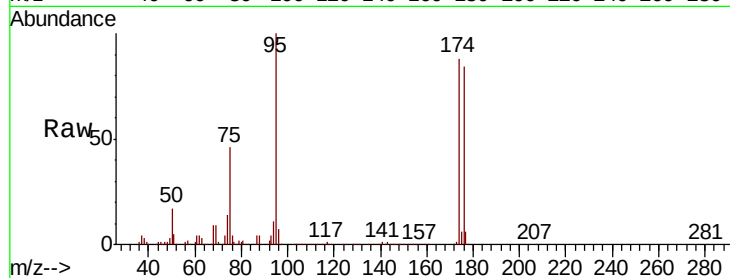
P001-SS026-1218-01ME

Tot Ion: 75 Resp: 363004

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

12.40

250000

200000

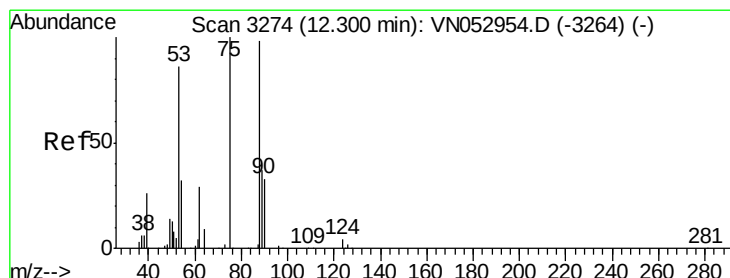
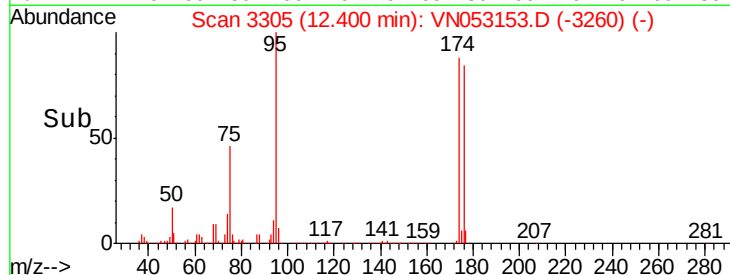
150000

100000

50000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 100.406 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053153.D

Acq: 23 Dec 2018 1:12

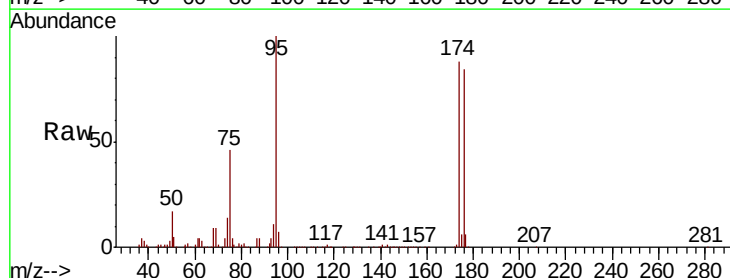
Tgt Ion: 75 Resp: 363004

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

300000

250000

200000

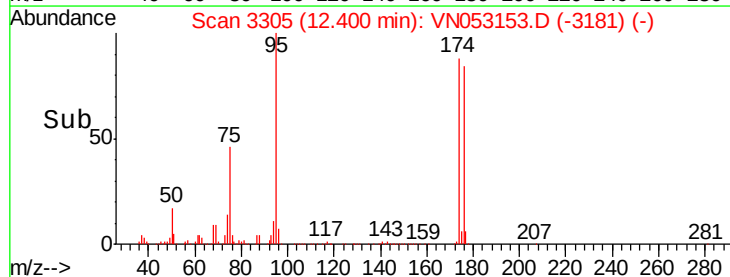
150000

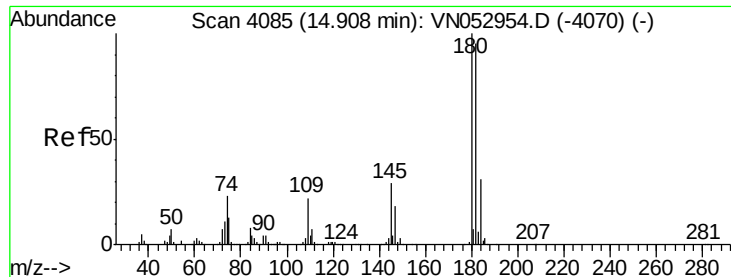
100000

50000

0

Time-->

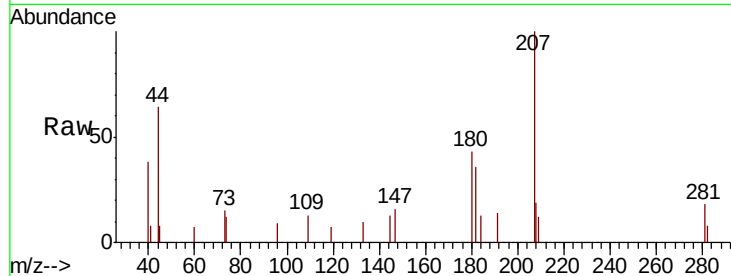




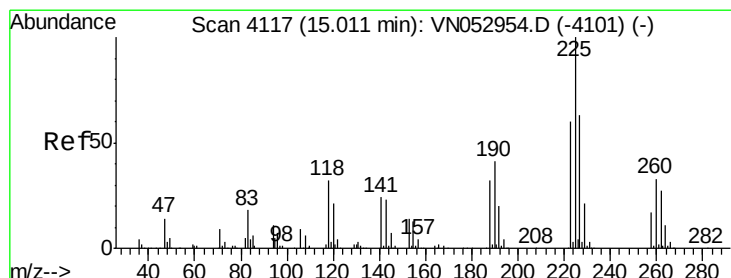
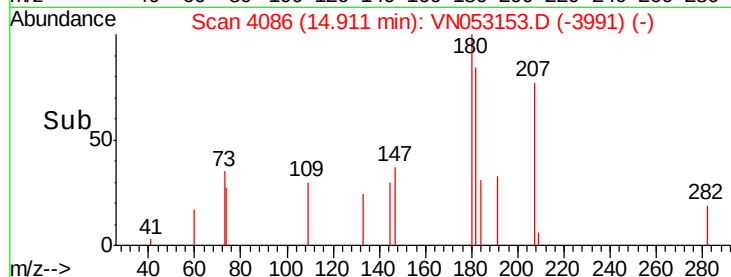
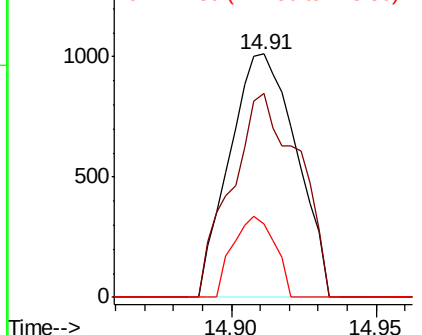
#93
 1,2,4-Trichlorobenzene
 Concen: 0.724 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053153.D
 Acq: 23 Dec 2018 1:12

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS026-1218-01ME

Tot Ion:180 Resp: 1615
 Ion Ratio Lower Upper
 180 100
 182 84.7 47.8 143.3
 145 20.9 14.2 42.6

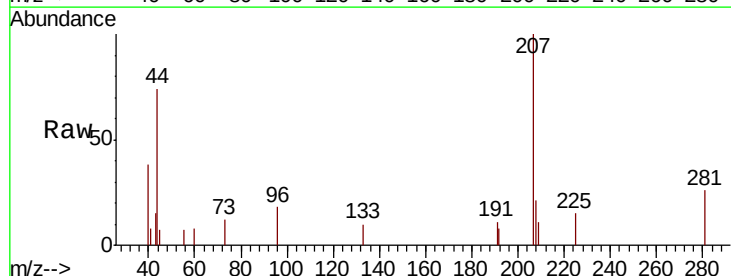


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

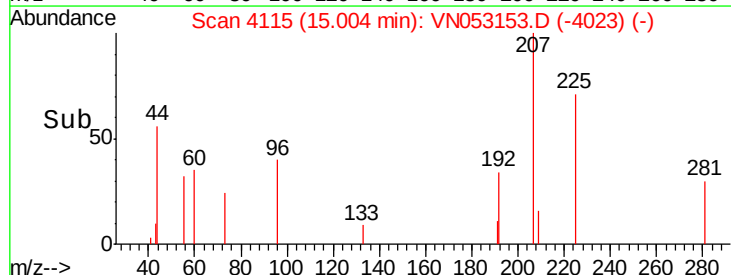
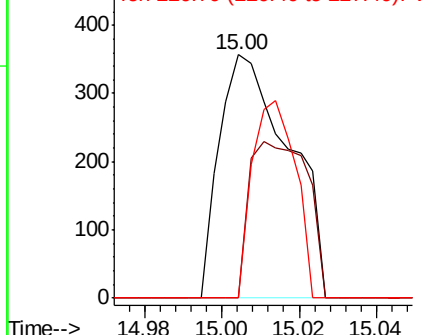


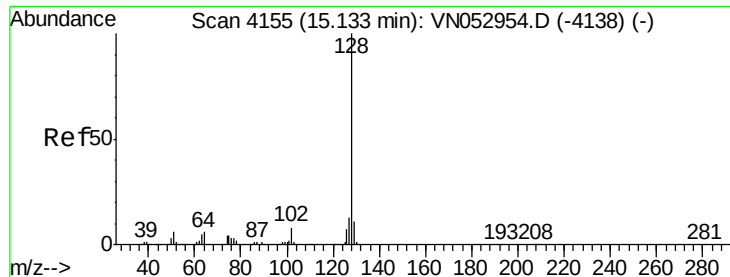
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.00 min Scan# 4115
 Delta R.T. -0.01 min
 Lab File: VN053153.D
 Acq: 23 Dec 2018 1:12

Tgt Ion:225 Resp: 447
 Ion Ratio Lower Upper
 225 100
 223 53.7 31.5 94.5
 227 50.1 31.9 95.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 1.344 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN053153.D

Acq: 23 Dec 2018 1:12

Instrument :

MSVOA_N

ClientSampleId :

P001-SS026-1218-01ME

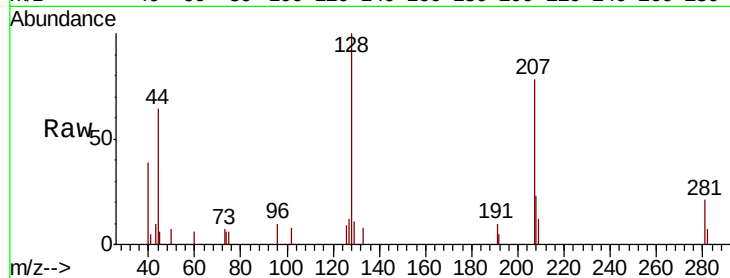
Tot Ion:128 Resp: 5501

Ion Ratio Lower Upper

128 100

127 10.7 10.2 15.4

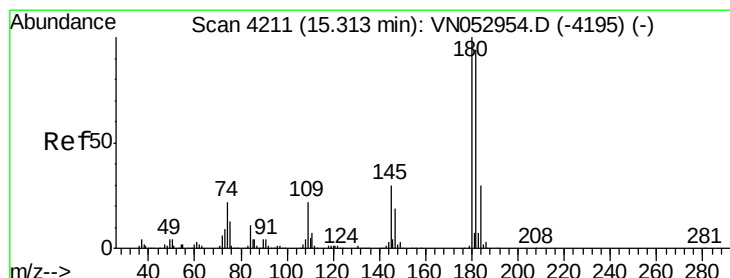
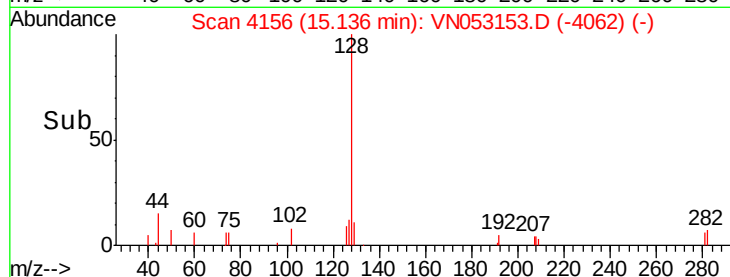
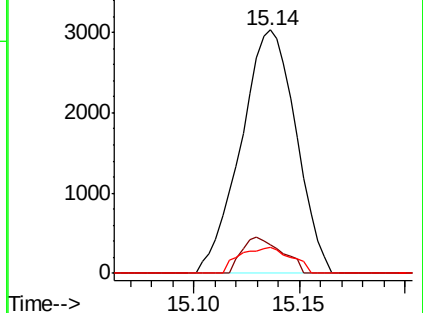
129 10.0 8.6 13.0



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: 0.654 ug/l

RT: 15.32 min Scan# 4213

Delta R.T. 0.01 min

Lab File: VN053153.D

Acq: 23 Dec 2018 1:12

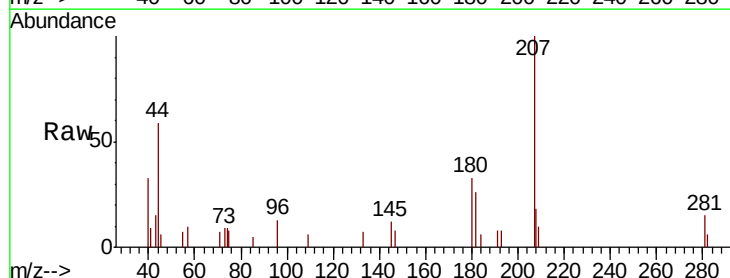
Tgt Ion:180 Resp: 1652

Ion Ratio Lower Upper

180 100

182 88.3 47.9 143.7

145 13.7 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

