

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122218\
 Data File : VN053160.D
 Acq On : 23 Dec 2018 4:20
 Operator : MD\SY
 Sample : J6446-13ME 10X
 Misc : 3.12g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 40 Sample Multiplier: 28

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

Quant Time: Dec 23 23:14:03 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	1191330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1837287	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1677341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	714319	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	590328	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.66%		
35) Dibromofluoromethane	7.59	113	491579	58.57	ug/l	0.00
Spiked Amount 50.000			Recovery =	117.14%		
50) Toluene-d8	10.09	98	2249335	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.84%		
62) 4-Bromofluorobenzene	12.40	95	775850	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.10%		

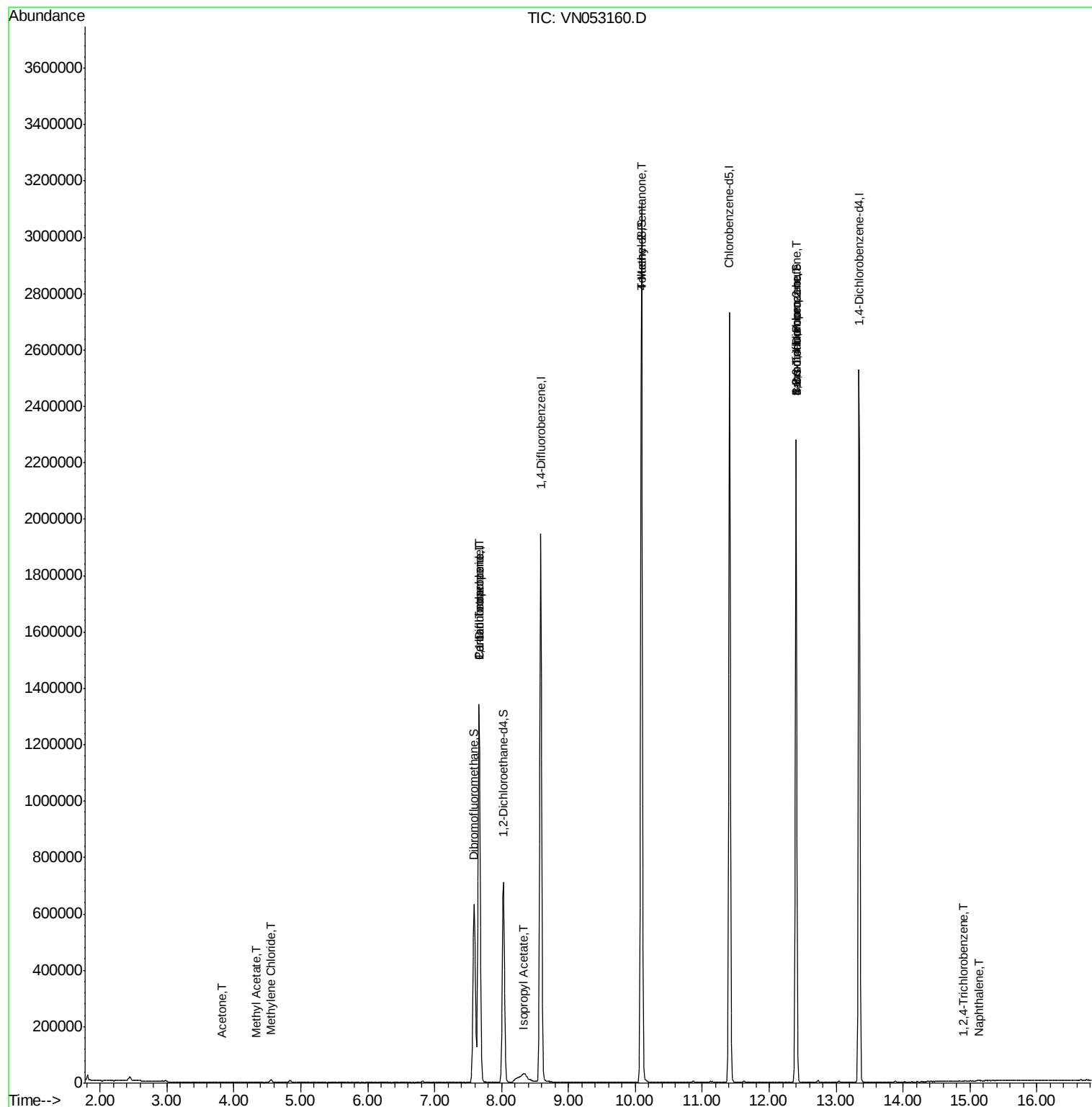
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	2351	0.992	ug/l	93
18) Methyl Acetate	4.34	43	3947	1.352	ug/l #	68
20) Methylene Chloride	4.55	84	7404	0.573	ug/l	94
31) Cyclohexane	7.66	56	19260	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	77596	4.400	ug/l #	48
38) Carbon Tetrachloride	7.67	117	105908	6.552	ug/l #	15
43) Isopropyl Acetate	8.31	43	54890	1.876	ug/l #	54
51) 4-Methyl-2-Pentanone	10.09	43	8177	0.858	ug/l #	1
71) Bromoform	12.40	173	4717	0.505	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	359748	29.917	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	359748	96.426	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.91	180	192	0.611	ug/l #	12
95) Naphthalene	15.14	128	871	1.177	ug/l #	69

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

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Quant Time: Dec 23 23:14:03 2018
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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: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053160.D

Acq: 23 Dec 2018 4:20

Instrument :

MSVOA_N

ClientSampleId :

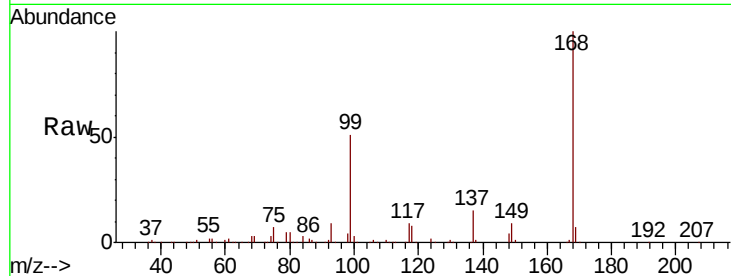
P001-SS022-0612-01ME

Tot Ion:168 Resp: 1191330

Ion Ratio Lower Upper

168 100

99 50.7 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN053160.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053160.D (-1740) (-)

7.66

500000

400000

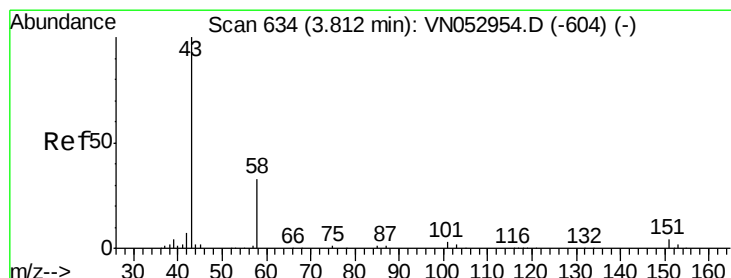
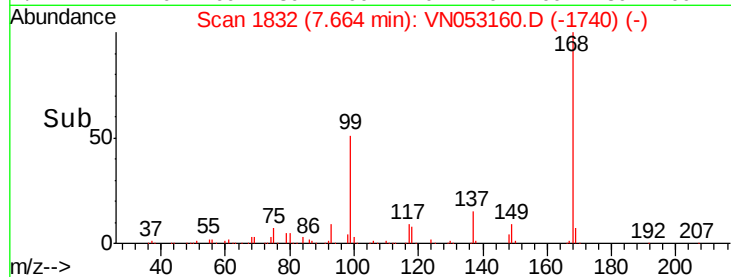
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 0.992 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053160.D

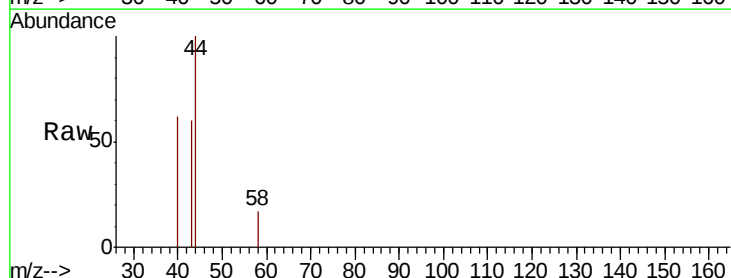
Acq: 23 Dec 2018 4:20

Tgt Ion: 43 Resp: 2351

Ion Ratio Lower Upper

43 100

58 28.0 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN053160.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN053160.D (-541) (-)

3.82

1000

800

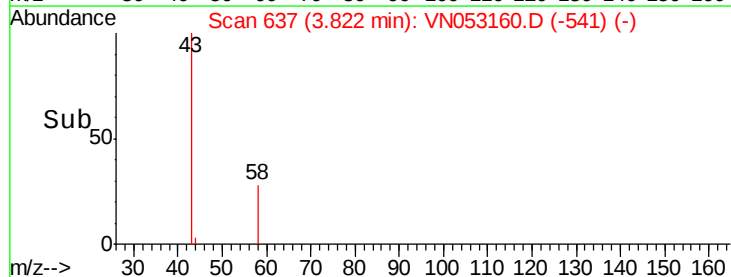
600

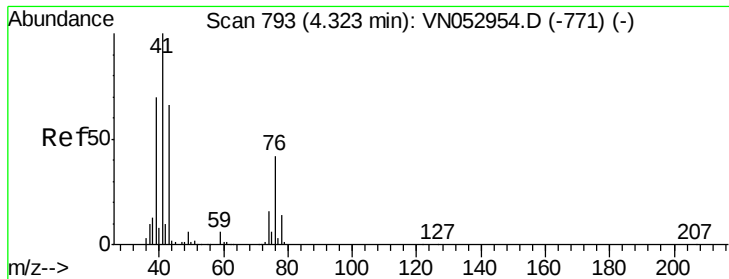
400

200

0

Time-->

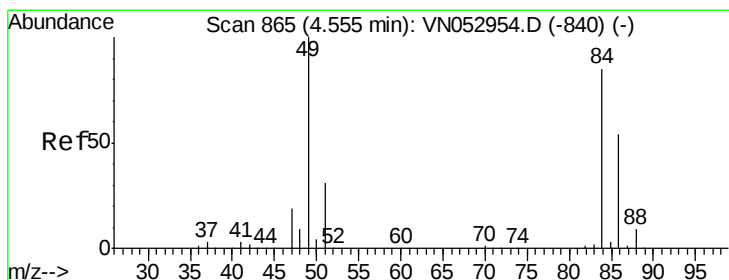
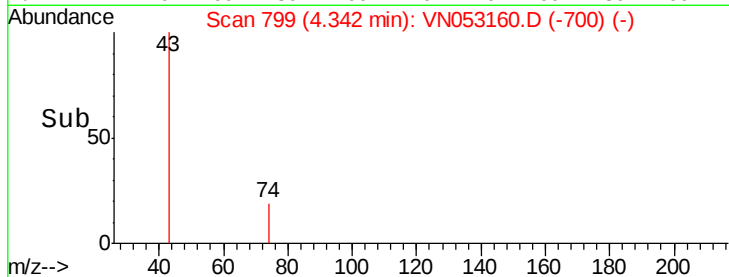
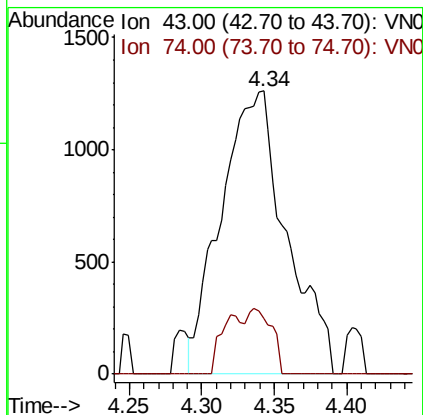
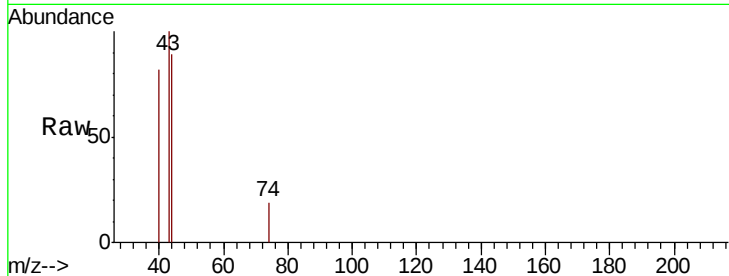




#18
Methyl Acetate
Concen: 1.352 ug/l
RT: 4.34 min Scan# 799
Delta R.T. 0.02 min
Lab File: VN053160.D
Acq: 23 Dec 2018 4:20

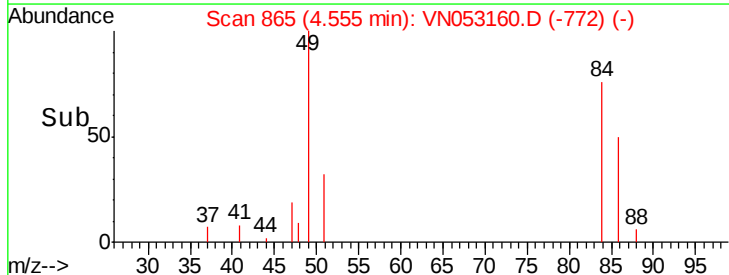
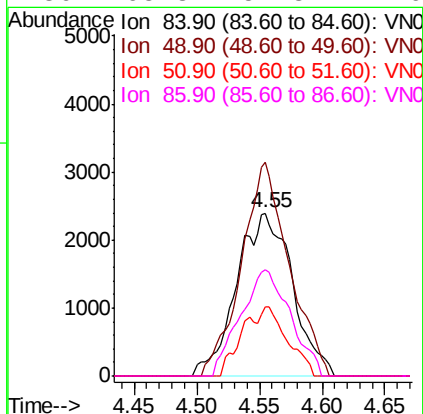
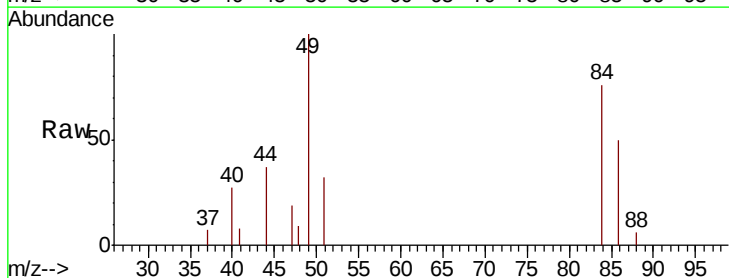
Instrument :
MSVOA_N
ClientSampleId :
P001-SS022-0612-01ME

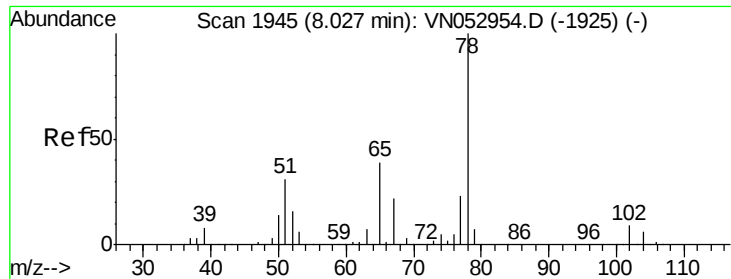
Tot Ion: 43 Resp: 3947
Ion Ratio Lower Upper
43 100
74 8.3 19.2 28.8#



#20
Methylene Chloride
Concen: 0.573 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN053160.D
Acq: 23 Dec 2018 4:20

Tgt Ion: 84 Resp: 7404
Ion Ratio Lower Upper
84 100
49 130.9 96.8 145.2
51 42.4 29.9 44.9
86 65.3 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: VN053160.D

Acq: 23 Dec 2018 4:20

Instrument :

MSVOA_N

ClientSampleId :

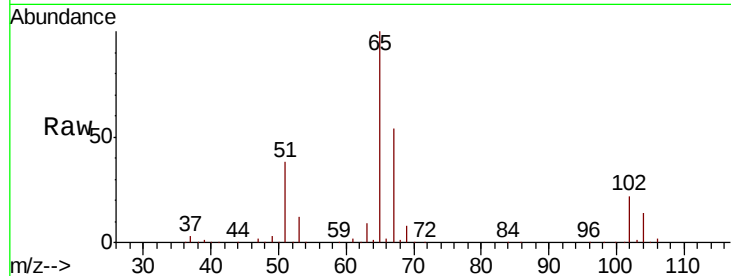
P001-SS022-0612-01ME

Tot Ion: 65 Resp: 590328

Ion Ratio Lower Upper

65 100

67 54.8 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN053160.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN053160.D (-1925) (-)

8.03

250000

200000

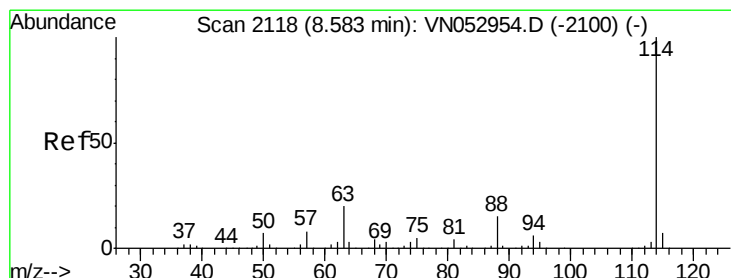
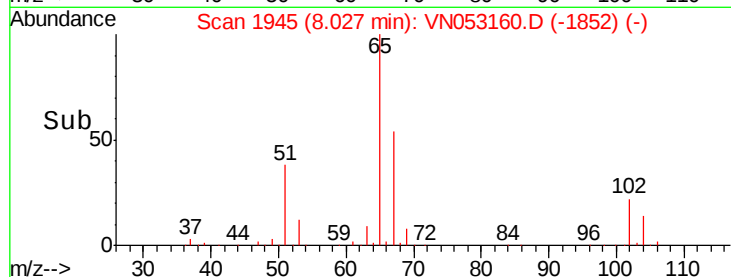
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053160.D

Acq: 23 Dec 2018 4:20

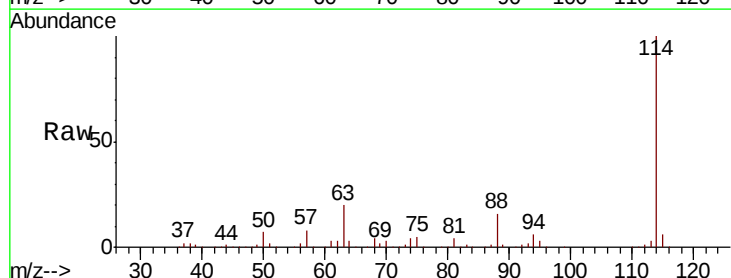
Tgt Ion: 114 Resp: 1837287

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.8

88 15.5 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VN053160.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN053160.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN053160.D (-2100) (-)

8.59

1200000

1000000

800000

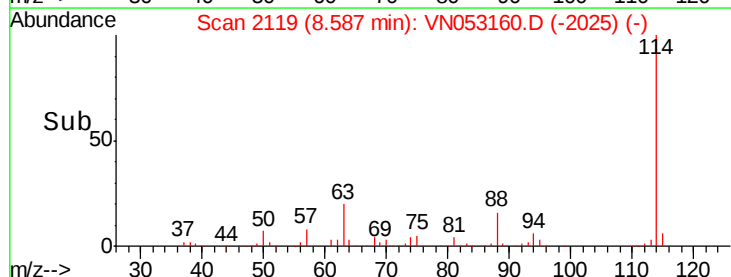
600000

400000

200000

0

Time-->

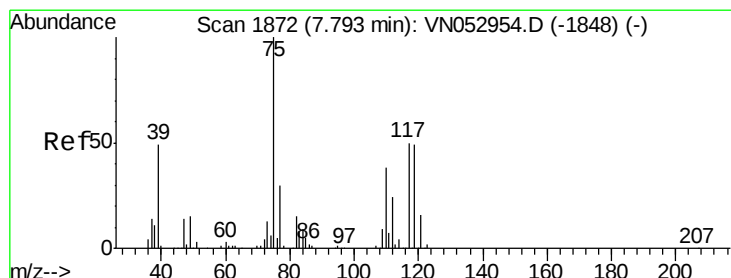
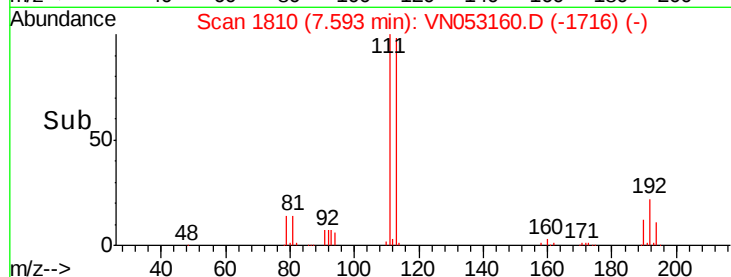
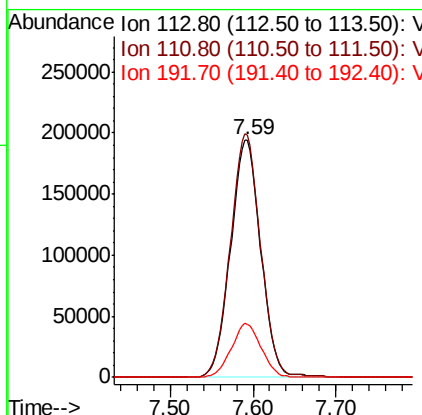
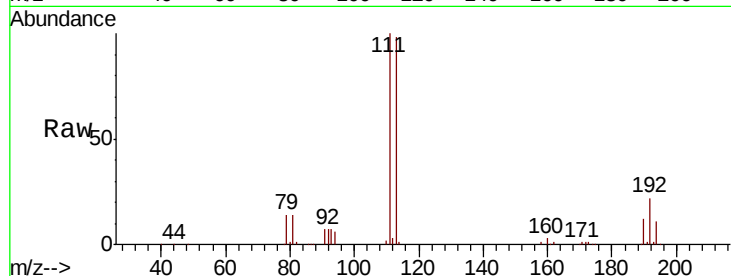




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053160.D
 Acq: 23 Dec 2018 4:20

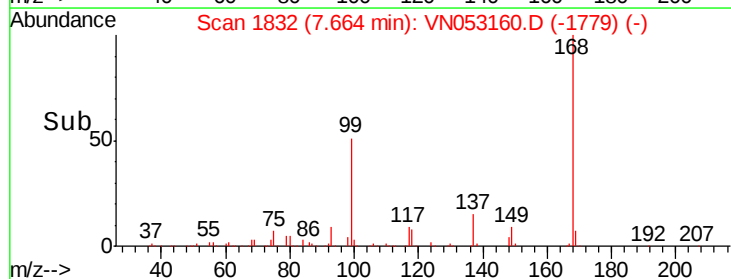
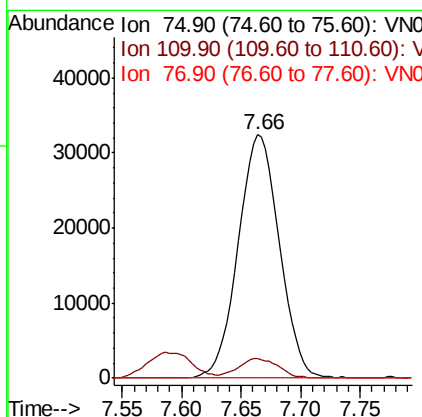
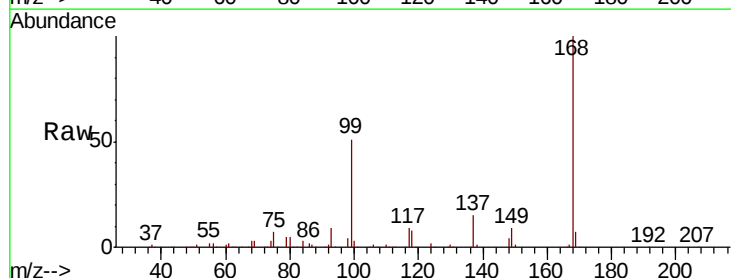
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS022-0612-01ME

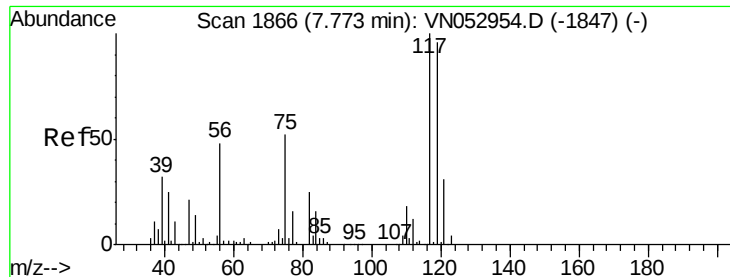
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.0	124.4
192	22.5	17.5	26.3



#36
 1,1-Dichloropropene
 Concen: 4.400 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053160.D
 Acq: 23 Dec 2018 4:20

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.8	18.2	54.6#
77	0.0	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 6.552 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053160.D

Acq: 23 Dec 2018 4:20

Instrument :

MSVOA_N

ClientSampleId :

P001-SS022-0612-01ME

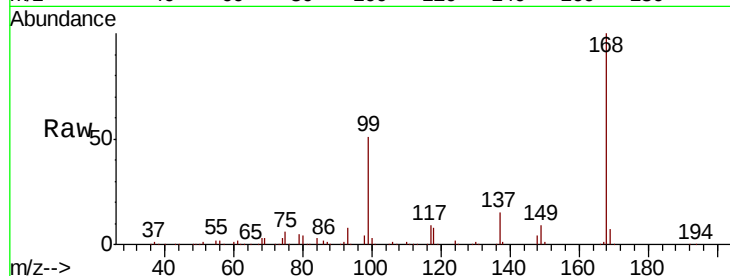
Tot Ion:117 Resp: 105908

Ion Ratio Lower Upper

117 100

119 4.8 77.1 115.7#

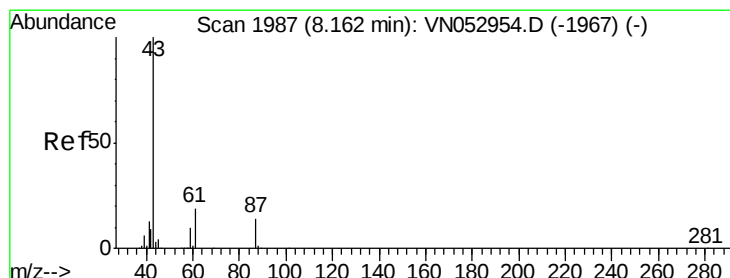
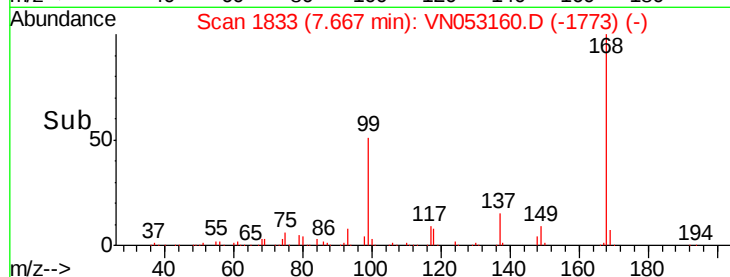
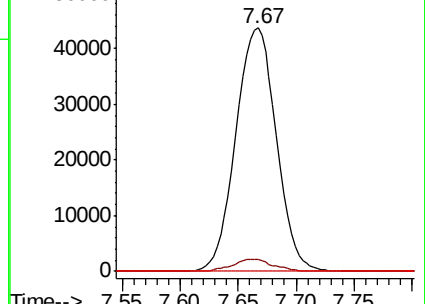
121 0.0 24.9 37.3#



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



#43

Isopropyl Acetate

Concen: 1.876 ug/l

RT: 8.31 min Scan# 2034

Delta R.T. 0.15 min

Lab File: VN053160.D

Acq: 23 Dec 2018 4:20

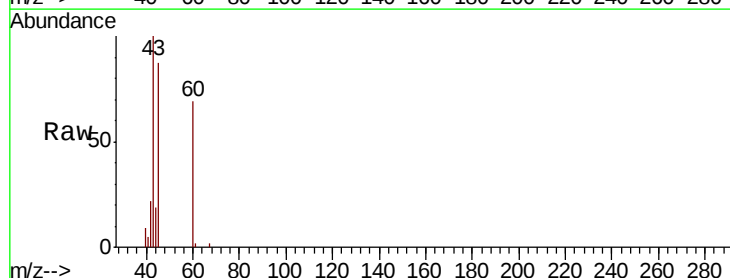
Tgt Ion: 43 Resp: 54890

Ion Ratio Lower Upper

43 100

61 0.8 22.9 34.3#

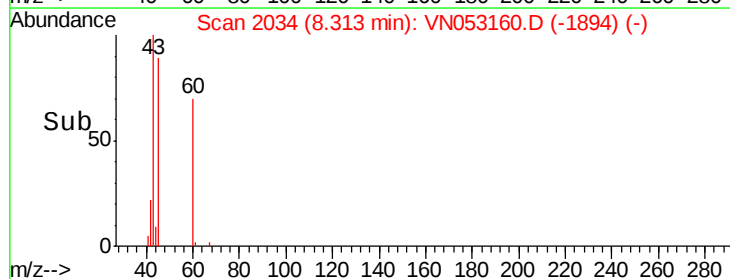
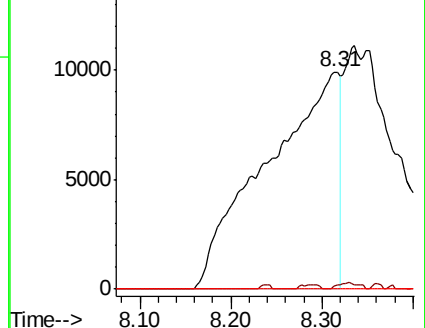
87 0.0 10.6 15.8#

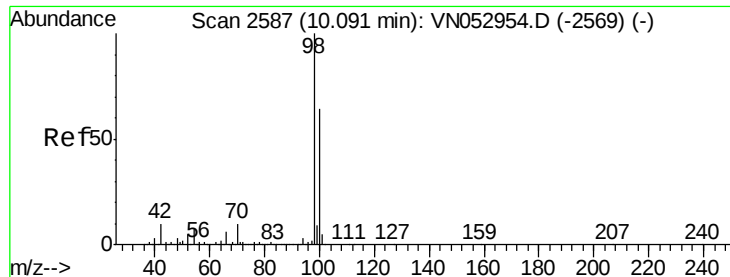


Abundance Ion 43.00 (42.70 to 43.70): V

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: VN053160.D

Acq: 23 Dec 2018 4:20

Instrument :

MSVOA_N

ClientSampleId :

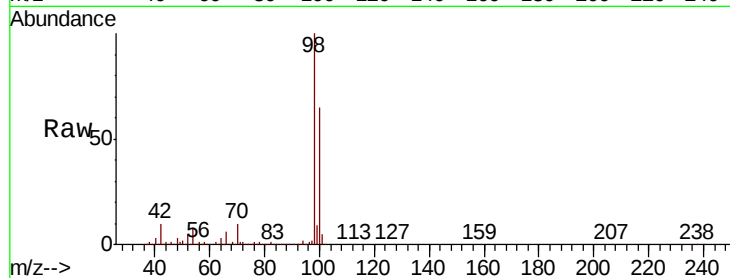
P001-SS022-0612-01ME

Tot Ion: 98 Resp: 2249335

Ion Ratio Lower Upper

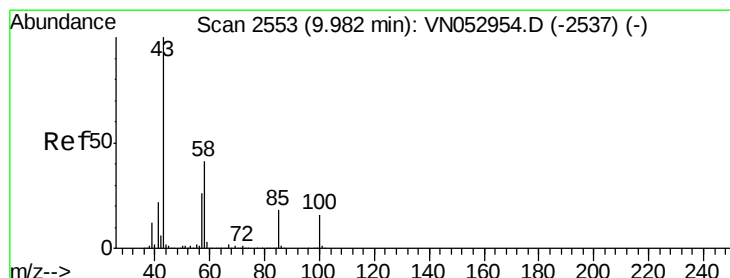
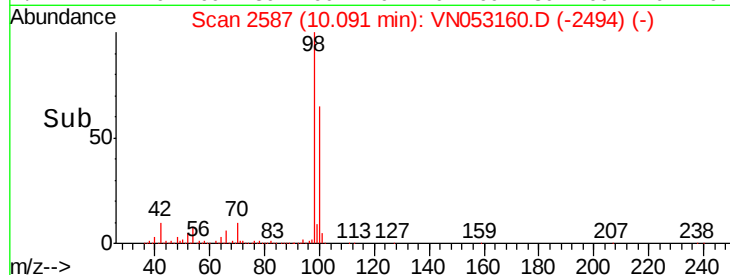
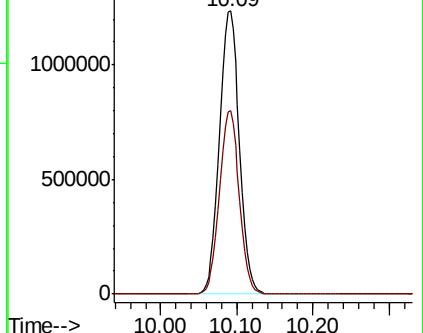
98 100

100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN053160.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053160.D (-2494) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.858 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.11 min

Lab File: VN053160.D

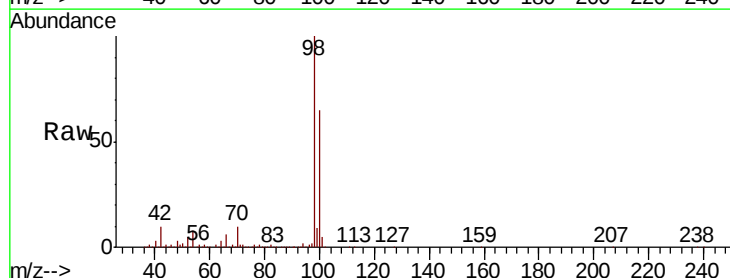
Acq: 23 Dec 2018 4:20

Tgt Ion: 43 Resp: 8177

Ion Ratio Lower Upper

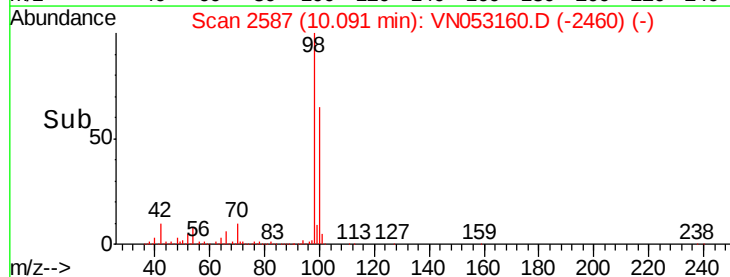
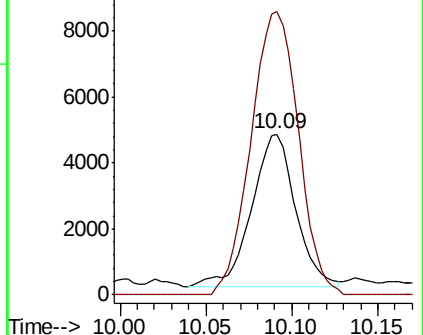
43 100

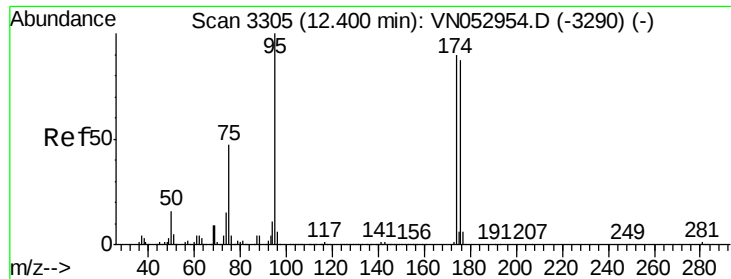
58 201.1 32.2 48.4#



Abundance Ion 43.00 (42.70 to 43.70): VN053160.D (-2460) (-)

Ion 58.00 (57.70 to 58.70): VN053160.D (-2460) (-)

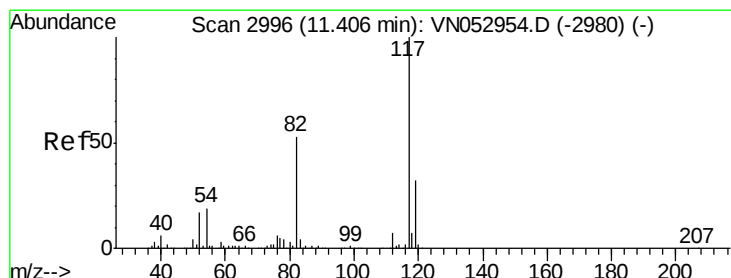
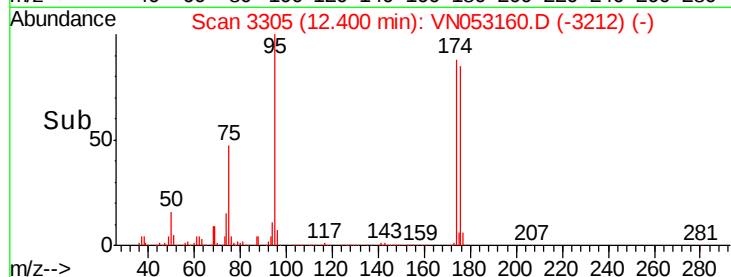
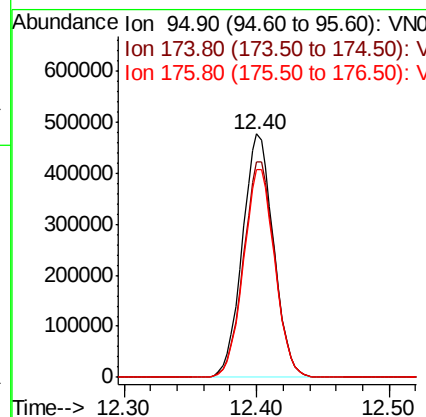
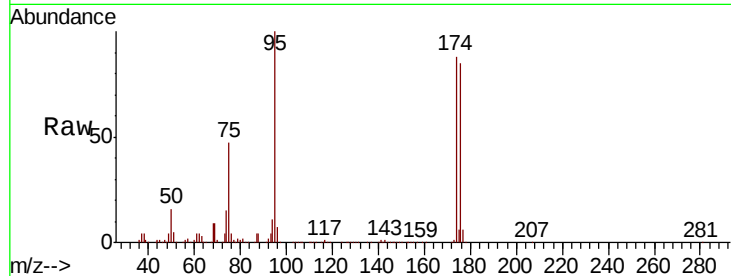




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053160.D
Acq: 23 Dec 2018 4:20

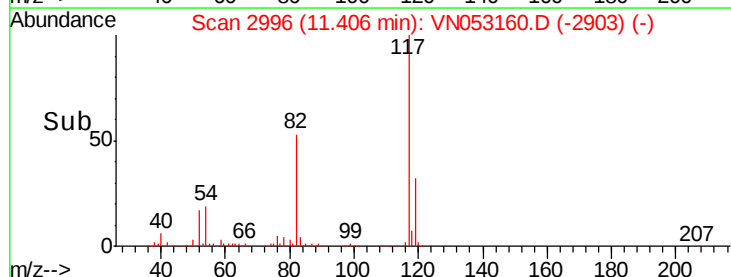
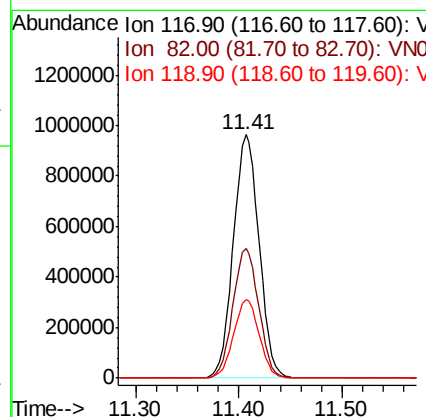
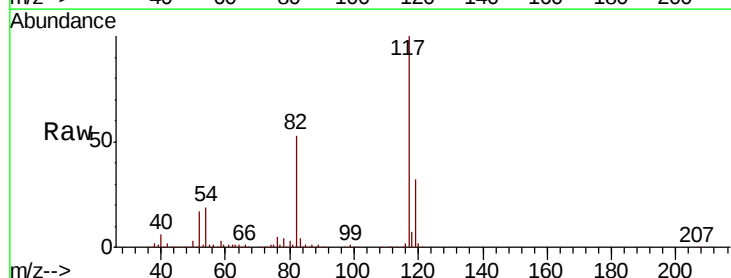
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P001-SS022-0612-01ME

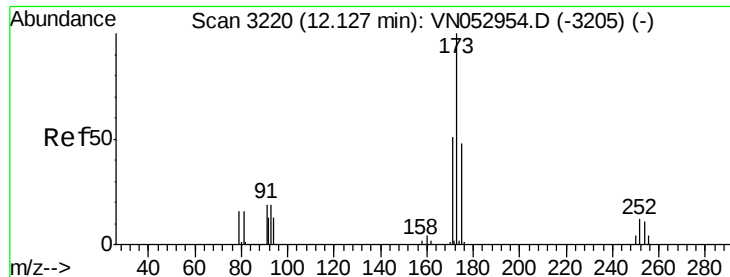
Tot Ion: 95 Resp: 775850
Ion Ratio Lower Upper
95 100
174 88.8 0.0 178.8
176 85.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053160.D
Acq: 23 Dec 2018 4:20

Tgt Ion: 117 Resp: 1677341
Ion Ratio Lower Upper
117 100
82 53.2 42.8 64.2
119 32.4 25.5 38.3





#71

Bromoform

Concen: 0.505 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN053160.D

Acq: 23 Dec 2018 4:20

Instrument :

MSVOA_N

ClientSampleId :

P001-SS022-0612-01ME

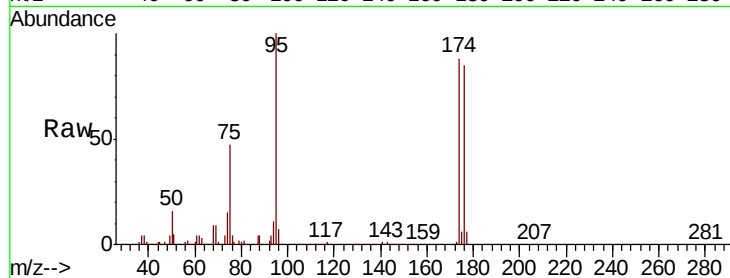
Tot Ion:173 Resp: 4717

Ion Ratio Lower Upper

173 100

175 945.1 24.3 72.9#

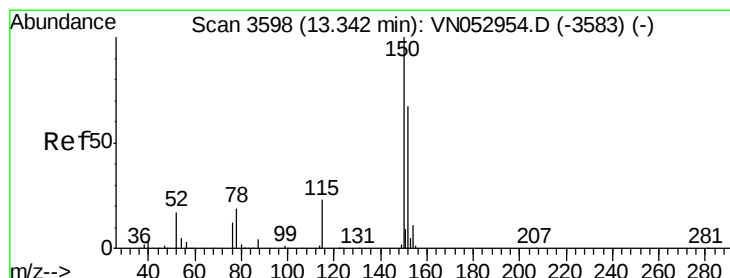
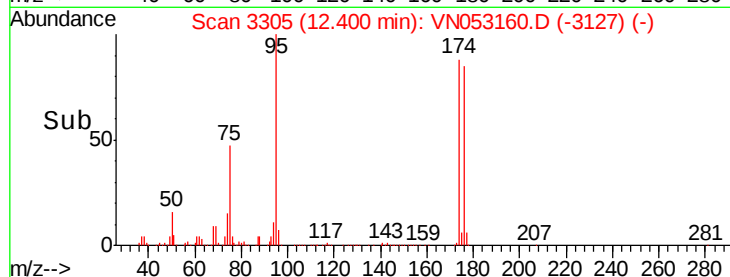
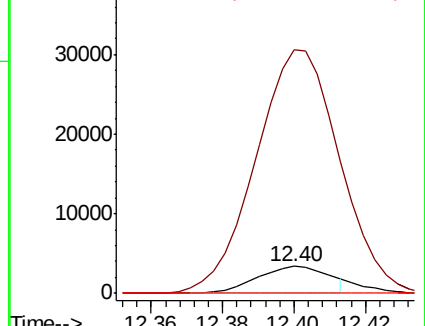
254 0.0 0.1 0.1#



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: VN053160.D

Acq: 23 Dec 2018 4:20

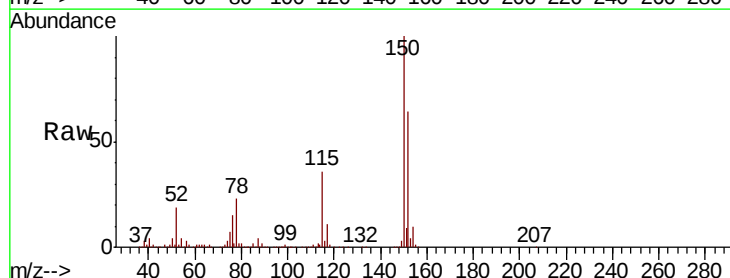
Tgt Ion:152 Resp: 714319

Ion Ratio Lower Upper

152 100

115 56.7 28.3 85.0

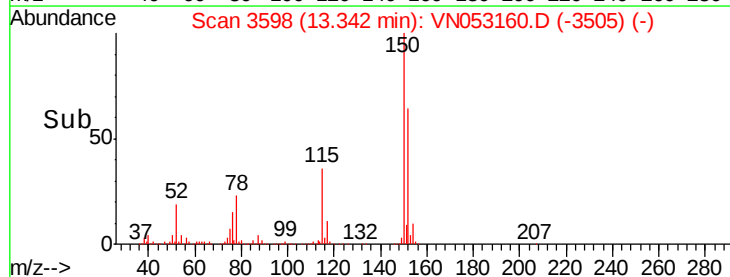
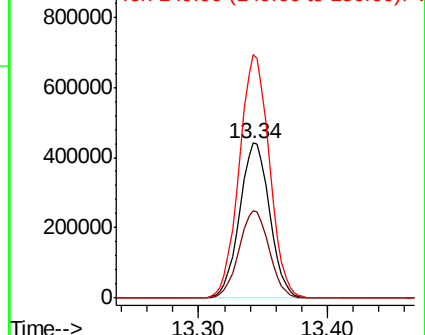
150 157.7 0.0 347.8

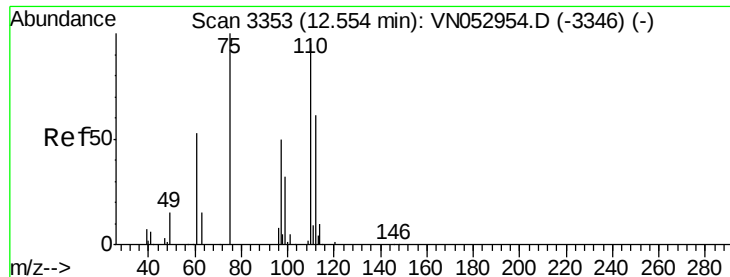


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 29.917 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053160.D

Acq: 23 Dec 2018 4:20

Instrument :

MSVOA_N

ClientSampleId :

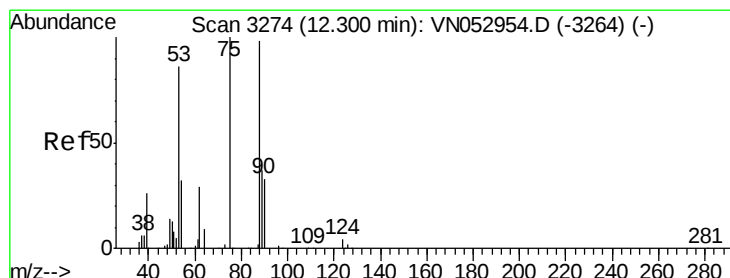
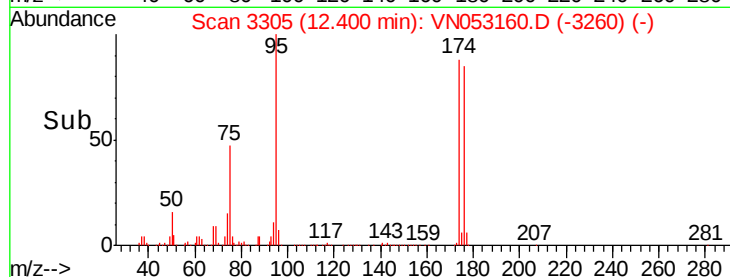
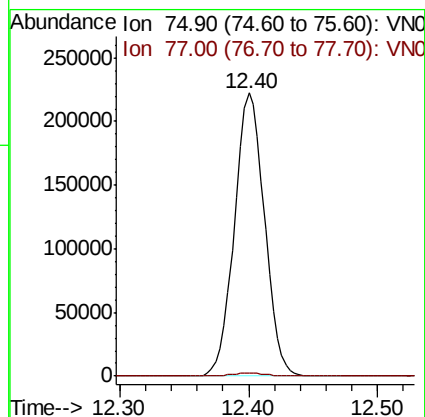
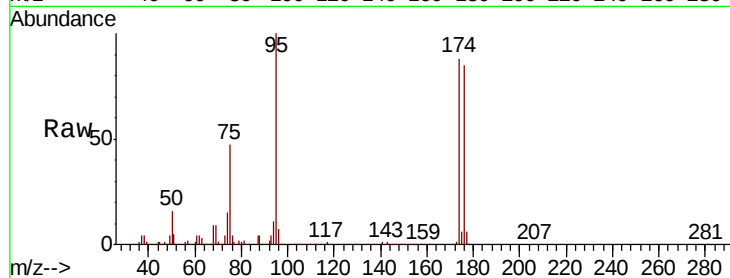
P001-SS022-0612-01ME

Tot Ion: 75 Resp: 359748

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 96.426 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053160.D

Acq: 23 Dec 2018 4:20

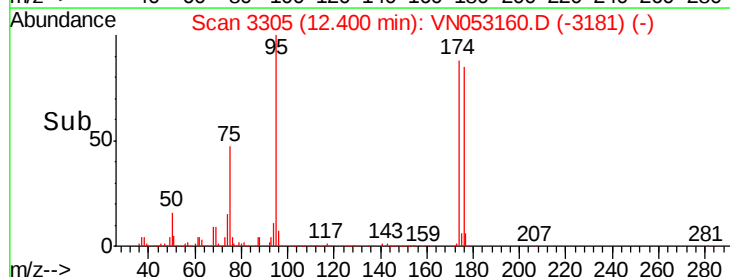
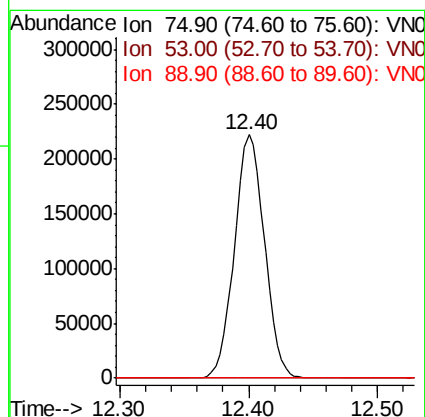
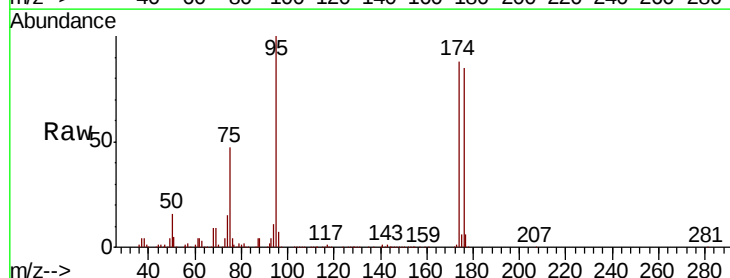
Tgt Ion: 75 Resp: 359748

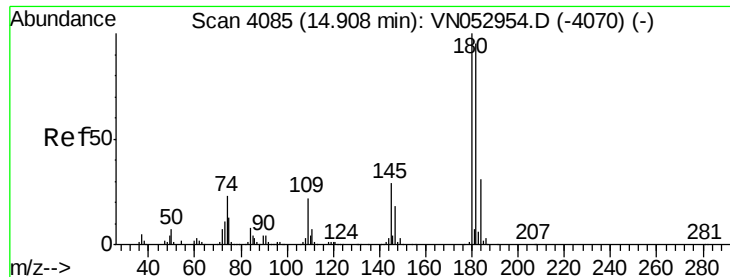
Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

89 0.0 36.1 54.1#

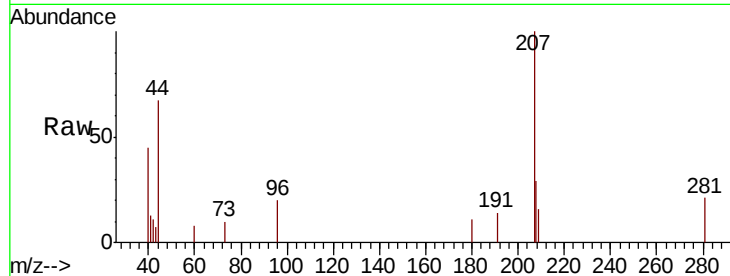




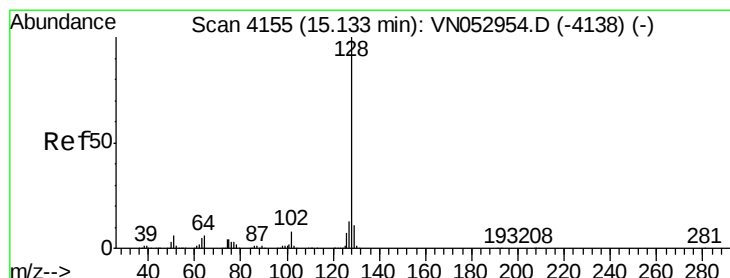
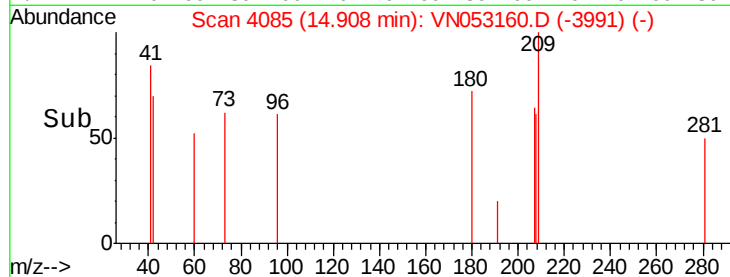
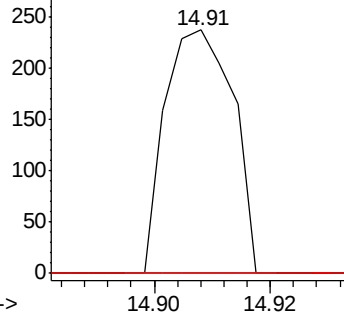
#93
 1,2,4-Trichlorobenzene
 Concen: 0.611 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN053160.D
 Acq: 23 Dec 2018 4:20

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

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.8	143.3#
145	0.0	14.2	42.6#

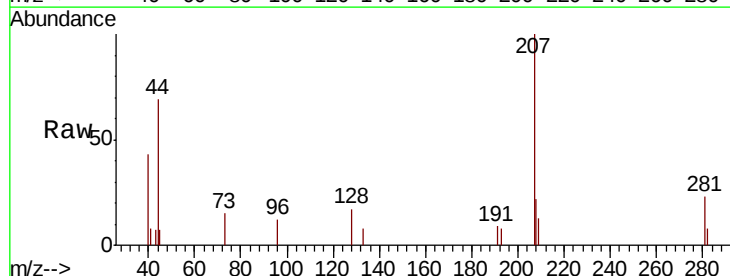


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 1.177 ug/l
 RT: 15.14 min Scan# 4157
 Delta R.T. 0.01 min
 Lab File: VN053160.D
 Acq: 23 Dec 2018 4:20

Tgt 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

