

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN012720\
 Data File : VN059863.D
 Acq On : 27 Jan 2020 11:15
 Operator : JC/MD
 Sample : VN0127MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127MBL01

Quant Time: Jan 27 14:28:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	210412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	316557	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	301781	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	124773	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	108993	46.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.28%	
35) Dibromofluoromethane	7.56	113	94525	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.14%	
50) Toluene-d8	10.08	98	394566	53.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.90%	
62) 4-Bromofluorobenzene	12.40	95	132241	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	

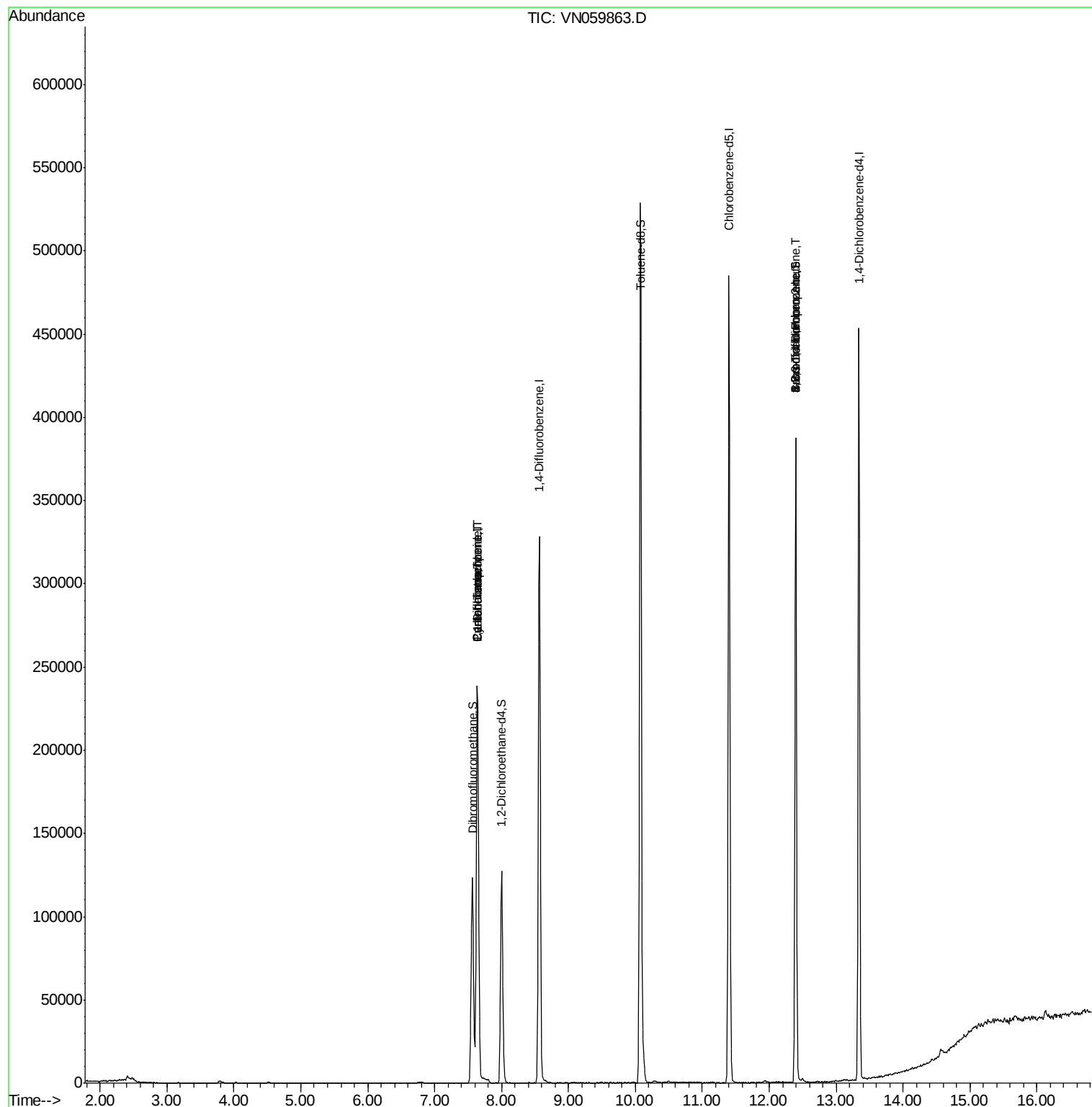
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	2383	Below Cal		93
20) Methylene Chloride	4.52	84	225	Below Cal	#	31
31) Cyclohexane	7.64	56	3947	1.14	ug/l #	21
36) 1,1-Dichloropropene	7.64	75	14538	5.27	ug/l #	50
38) Carbon Tetrachloride	7.64	117	19114	6.37	ug/l #	17
71) Bromoform	12.40	173	469	0.26	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	65708	31.29	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	65708	67.20	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.27	75	100	Below Cal	#	6

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

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Acq On : 27 Jan 2020 11:15
Operator : JC/MD
Sample : VN0127MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0127MBL01

Quant Time: Jan 27 14:28:05 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VN059863.D

Acq: 27 Jan 2020 11:15

Instrument :

MSVOA_N

ClientSampled :

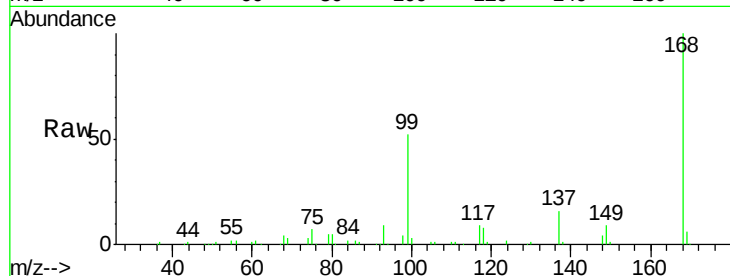
VN0127MBL01

Tgt Ion:168 Resp: 210412

Ion Ratio Lower Upper

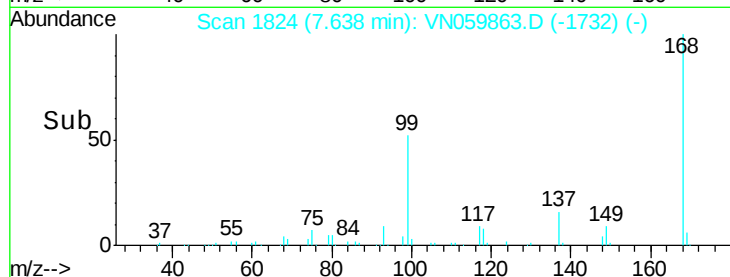
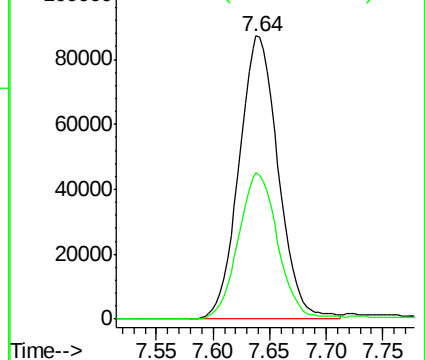
168 100

99 51.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: Below Cal

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN059863.D

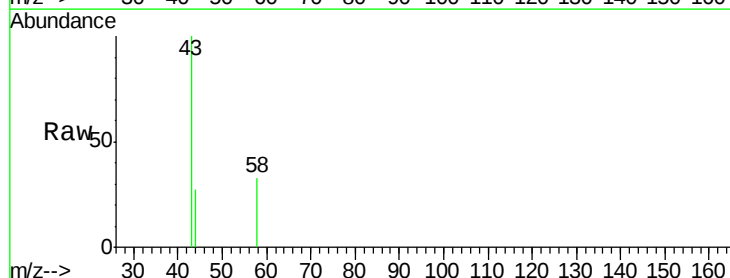
Acq: 27 Jan 2020 11:15

Tgt Ion: 43 Resp: 2383

Ion Ratio Lower Upper

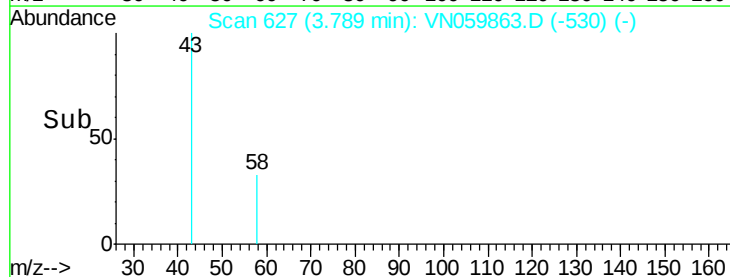
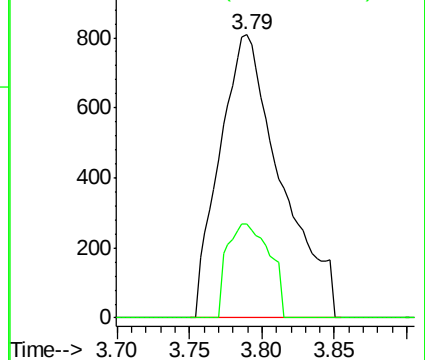
43 100

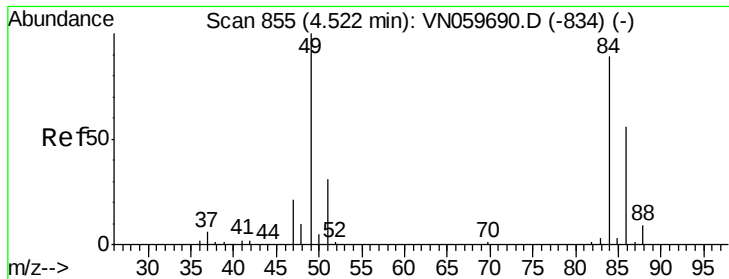
58 33.3 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#20

Methylene Chloride

Concen: Below Cal

RT: 4.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: VN059863.D

Acq: 27 Jan 2020 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBL01

Tgt Ion: 84 Resp: 225

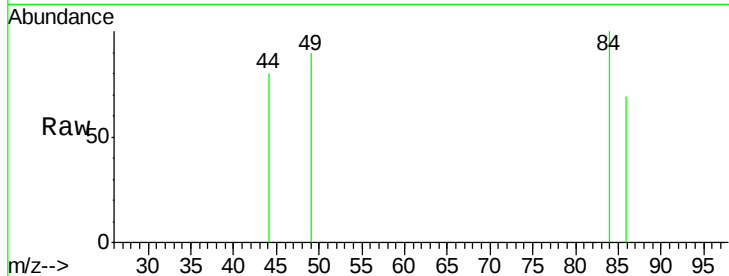
Ion Ratio Lower Upper

84 100

49 16.1 106.6 160.0#

51 0.0 31.9 47.9#

86 69.4 50.8 76.2

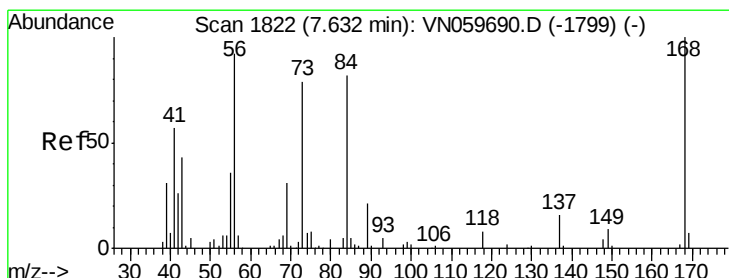
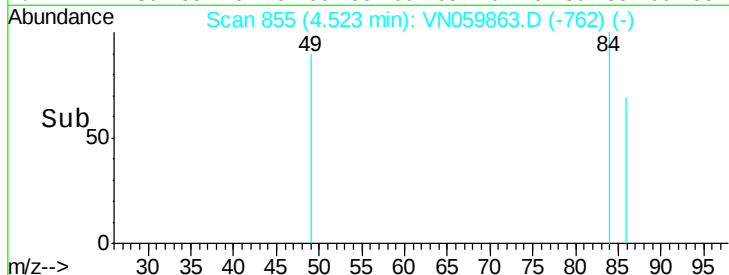
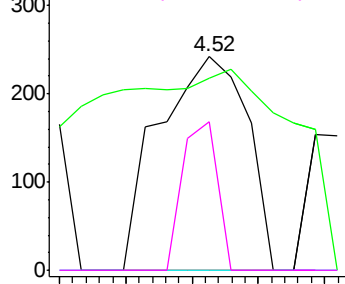


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#31

Cyclohexane

Concen: 1.14 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VN059863.D

Acq: 27 Jan 2020 11:15

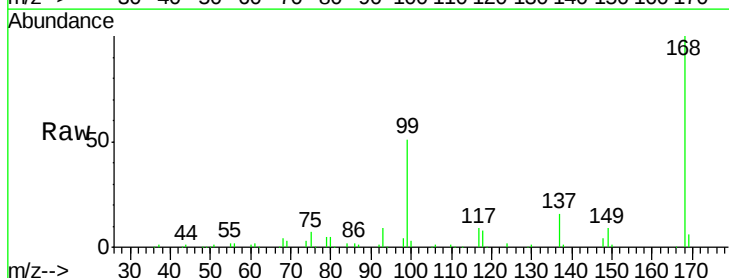
Tgt Ion: 56 Resp: 3947

Ion Ratio Lower Upper

56 100

69 138.5 26.5 39.7#

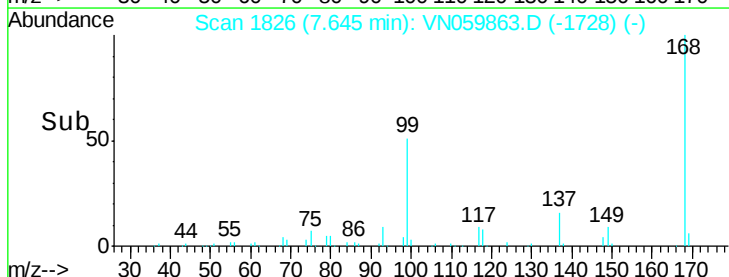
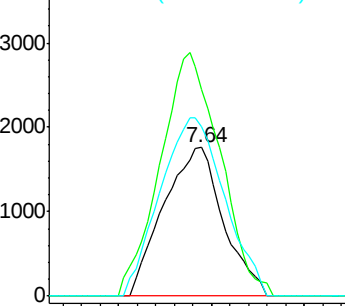
84 113.4 65.3 97.9#

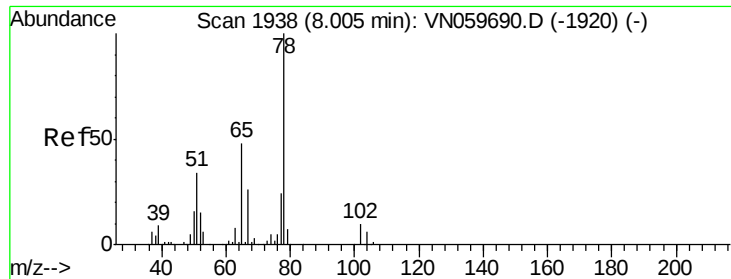


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

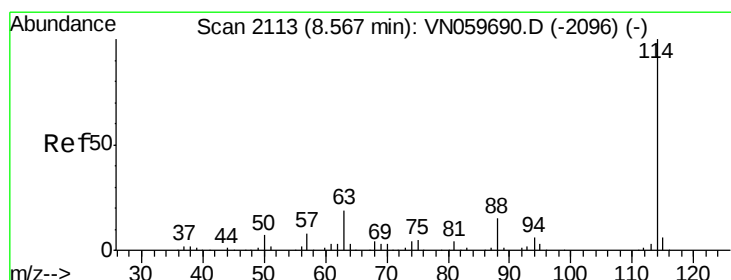
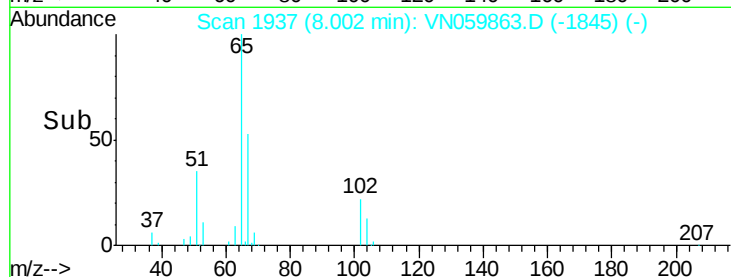
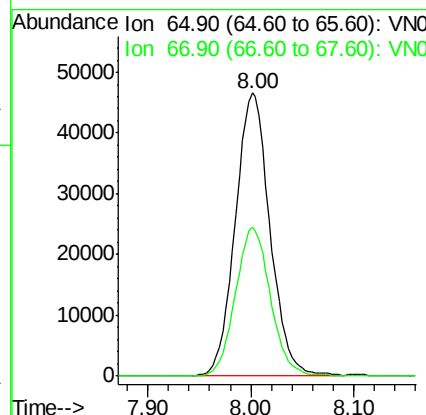
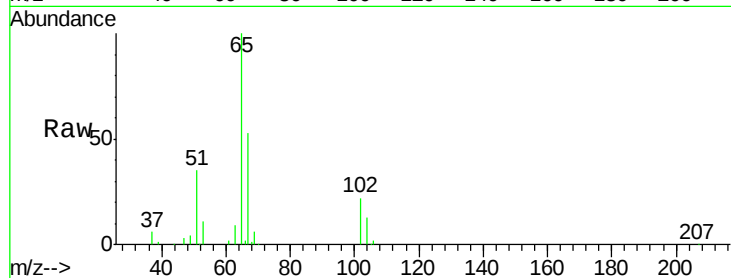




#33
 1,2-Dichloroethane-d4
 Concen: 46.64 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059863.D
 Acq: 27 Jan 2020 11:15

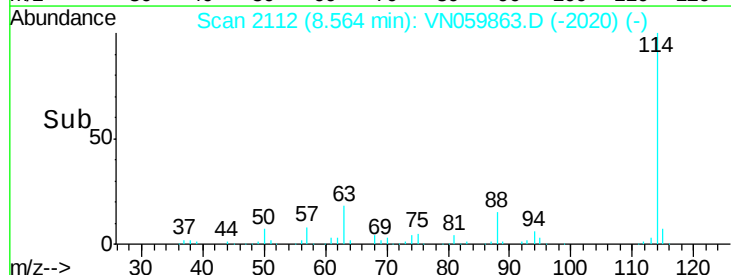
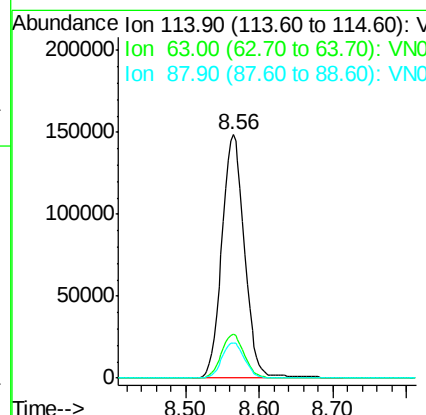
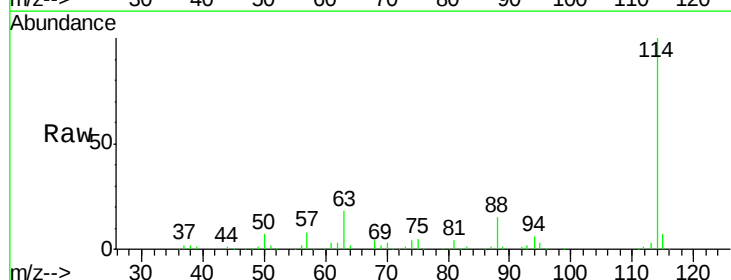
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127MBL01

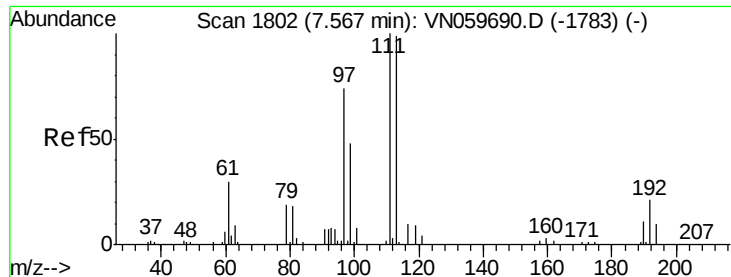
Tgt Ion: 65 Resp: 108993
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059863.D
 Acq: 27 Jan 2020 11:15

Tgt Ion: 114 Resp: 316557
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 43.6
 88 14.6 0.0 31.4

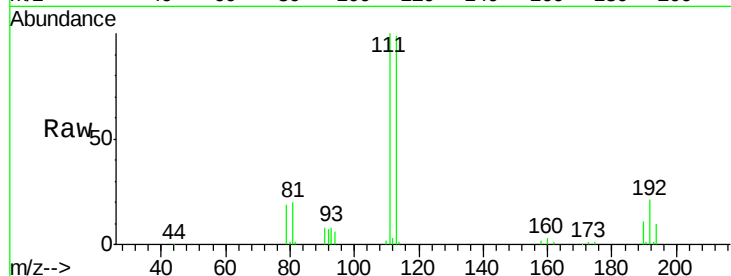




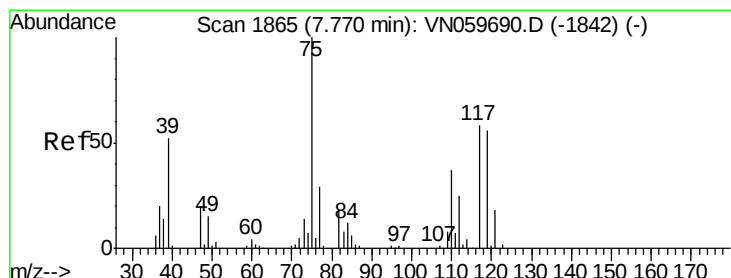
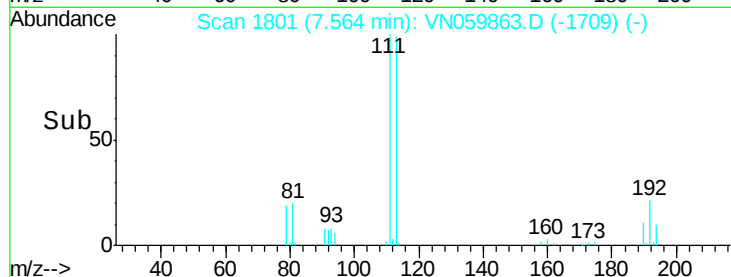
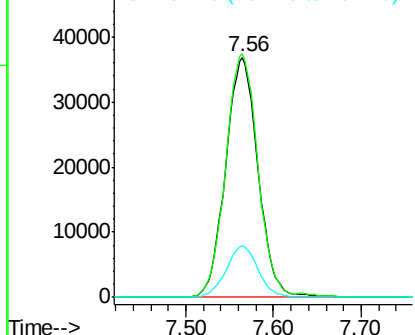
#35
 Dibromofluoromethane
 Concen: 50.07 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059863.D
 Acq: 27 Jan 2020 11:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127MBL01

Tgt Ion:113 Resp: 94525
 Ion Ratio Lower Upper
 113 100
 111 100.8 83.5 125.3
 192 21.0 15.4 23.2

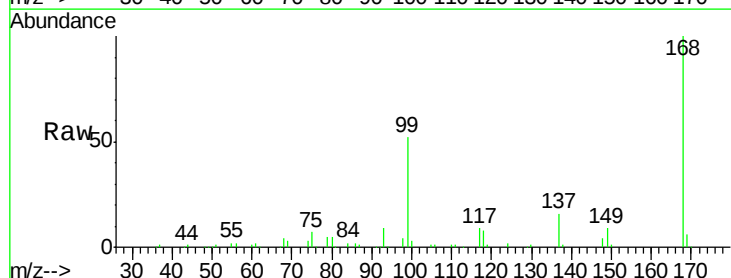


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

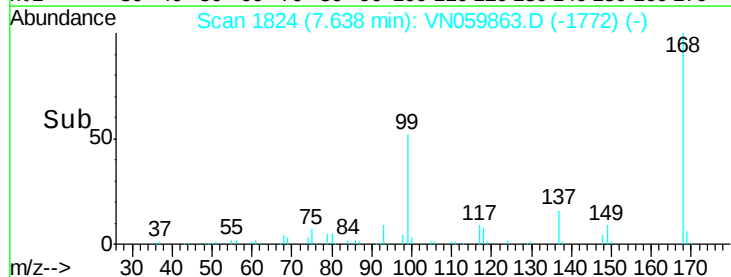
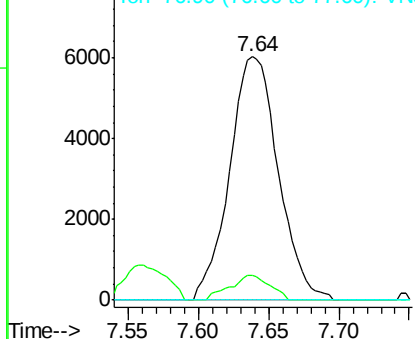


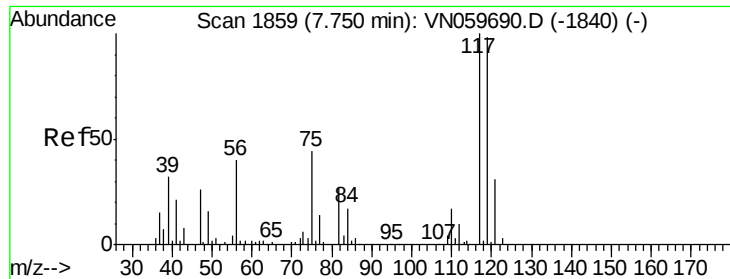
#36
 1,1-Dichloropropene
 Concen: 5.27 ug/l
 RT: 7.64 min Scan# 1824
 Delta R.T. -0.13 min
 Lab File: VN059863.D
 Acq: 27 Jan 2020 11:15

Tgt Ion: 75 Resp: 14538
 Ion Ratio Lower Upper
 75 100
 110 8.3 16.6 49.7#
 77 0.0 25.1 37.7#



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: 6.37 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.11 min

Lab File: VN059863.D

Acq: 27 Jan 2020 11:15

Instrument :

MSVOA_N

ClientSampled :

VN0127MBL01

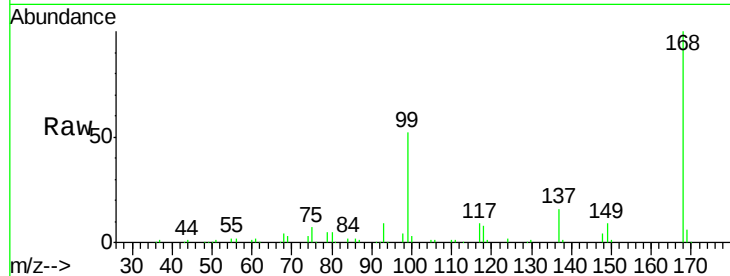
Tgt Ion:117 Resp: 19114

Ion Ratio Lower Upper

117 100

119 5.9 76.5 114.7#

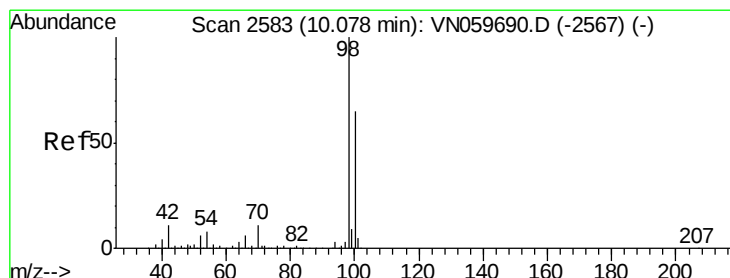
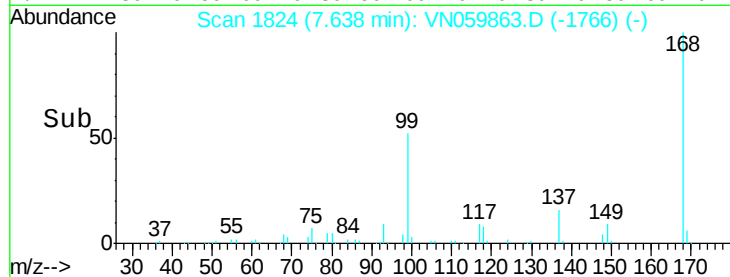
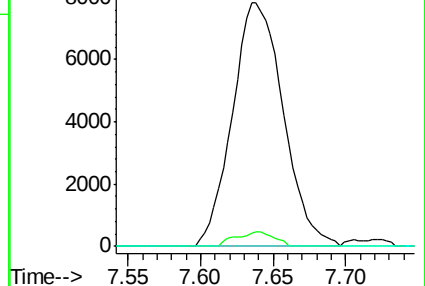
121 0.0 25.1 37.7#



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: 53.95 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN059863.D

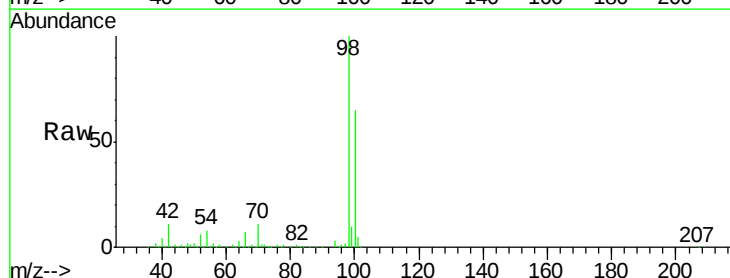
Acq: 27 Jan 2020 11:15

Tgt Ion: 98 Resp: 394566

Ion Ratio Lower Upper

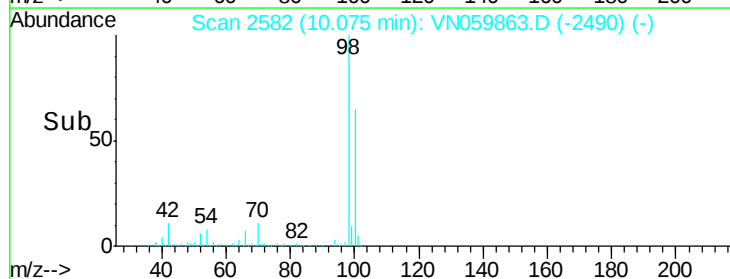
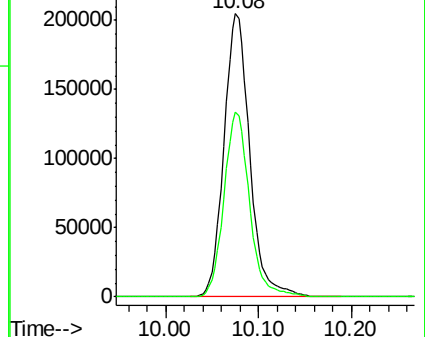
98 100

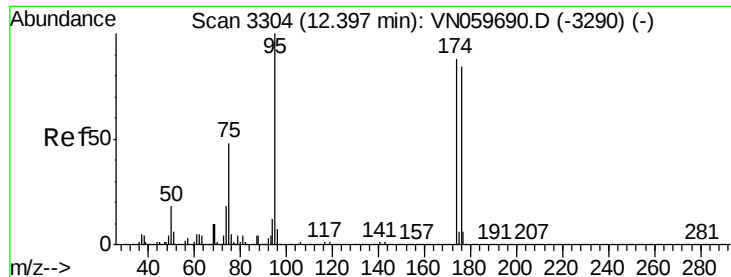
100 64.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

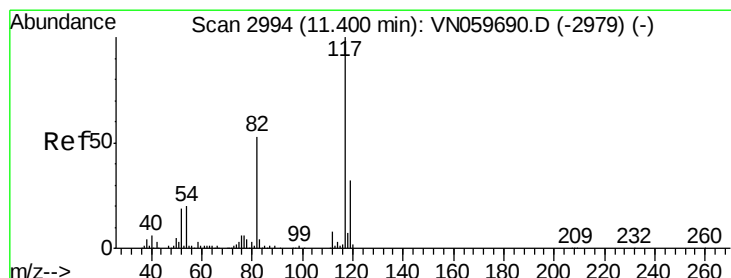
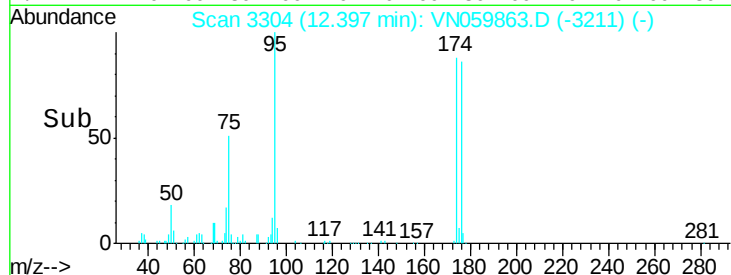
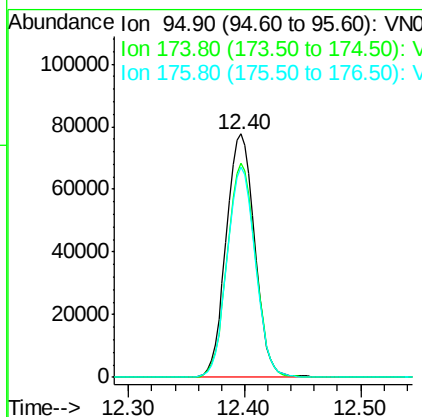
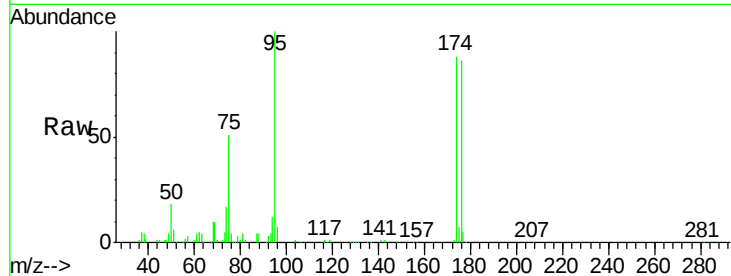




#62
4-Bromofluorobenzene
Concen: 50.15 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN059863.D
Acq: 27 Jan 2020 11:15

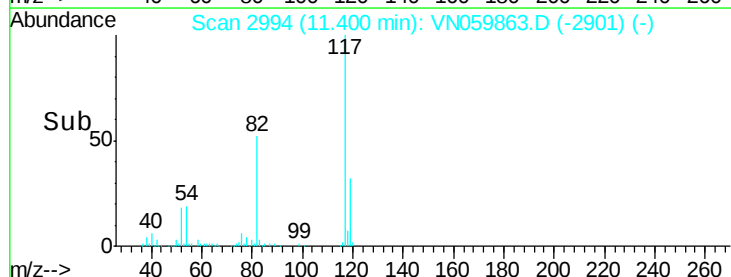
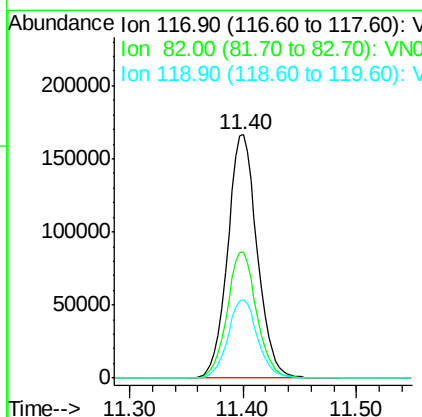
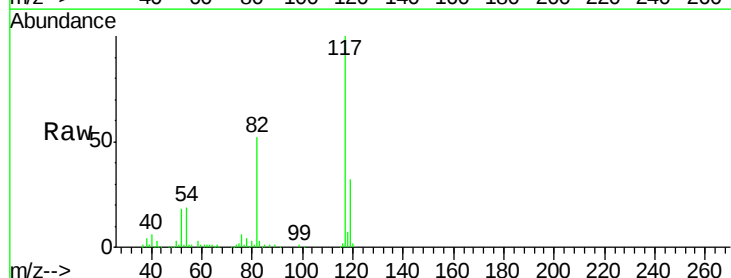
Instrument :
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VN0127MBL01

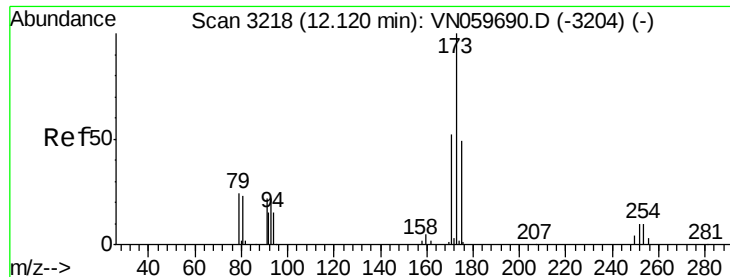
Tgt Ion: 95 Resp: 132241
Ion Ratio Lower Upper
95 100
174 86.9 0.0 151.4
176 85.0 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059863.D
Acq: 27 Jan 2020 11:15

Tgt Ion: 117 Resp: 301781
Ion Ratio Lower Upper
117 100
82 51.7 45.9 68.9
119 32.2 25.5 38.3

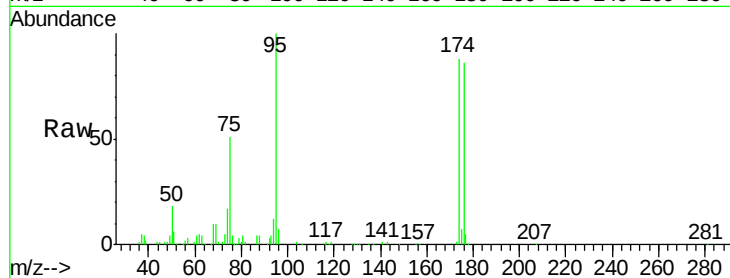




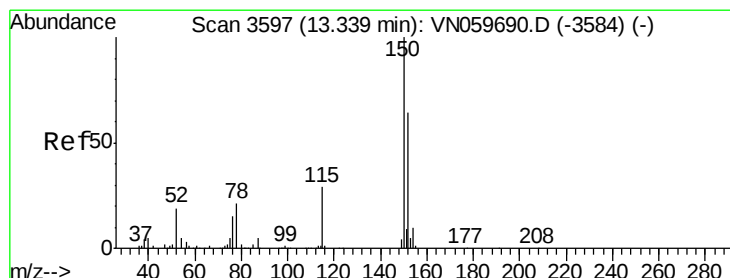
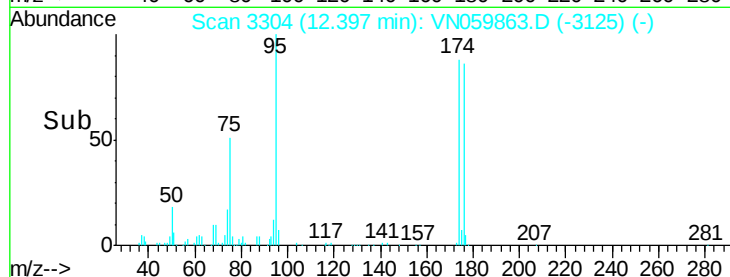
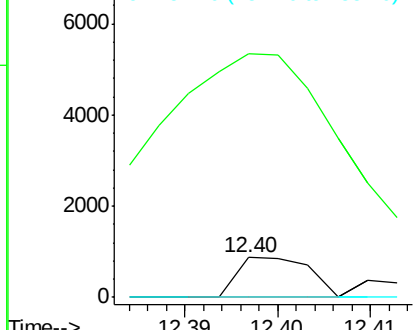
#71
Bromoform
Concen: 0.26 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.28 min
Lab File: VN059863.D
Acq: 27 Jan 2020 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0127MBL01

Tgt Ion:173 Resp: 469
Ion Ratio Lower Upper
173 100
175 1630.1 23.8 71.4#
254 0.0 0.0 0.0

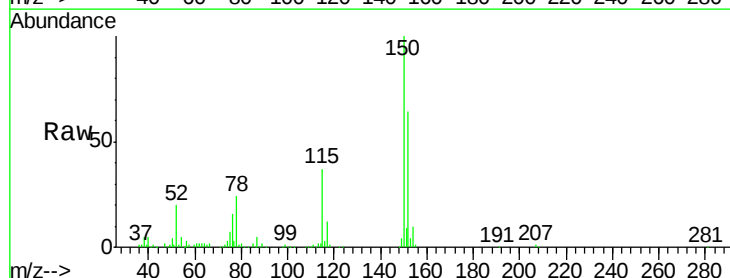


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

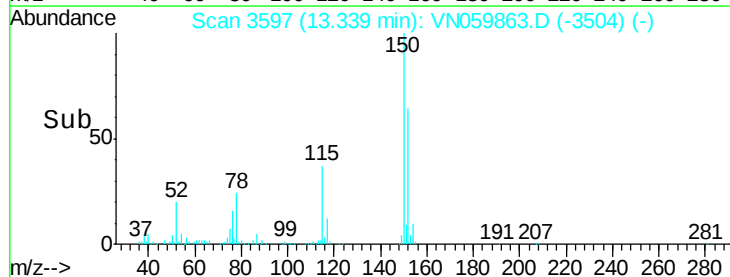
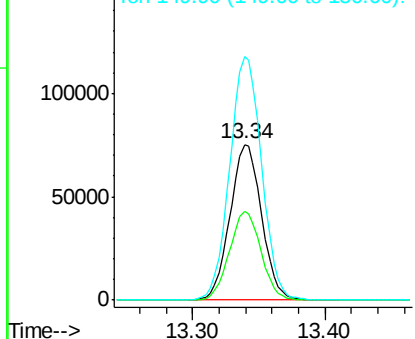


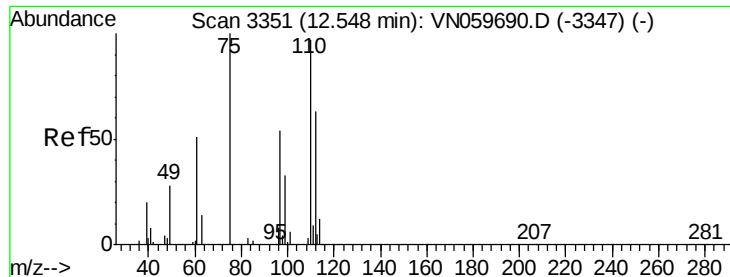
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059863.D
Acq: 27 Jan 2020 11:15

Tgt Ion:152 Resp: 124773
Ion Ratio Lower Upper
152 100
115 57.0 30.3 90.9
150 158.2 0.0 345.2



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

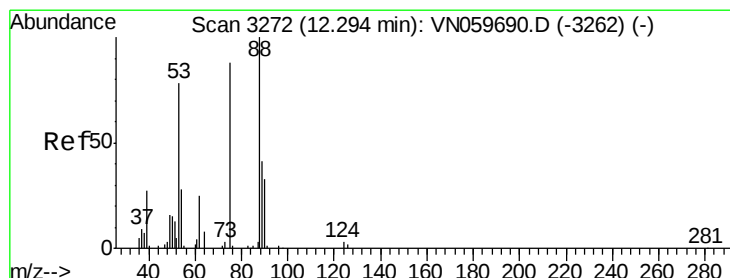
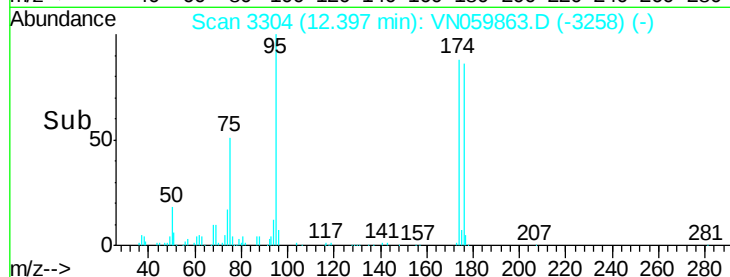
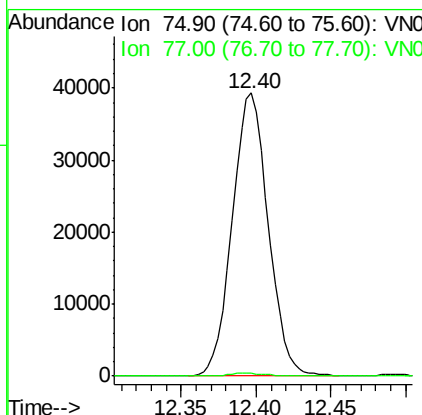
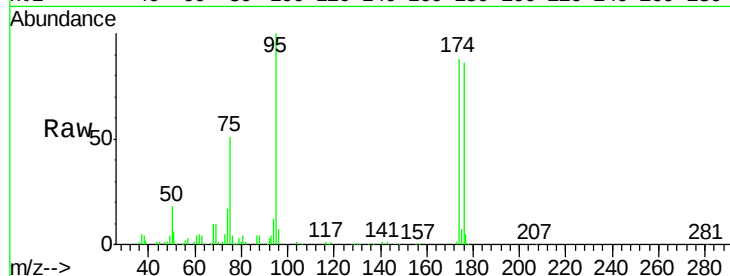




#76
 1,2,3-Trichloropropane
 Concen: 31.29 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.15 min
 Lab File: VN059863.D
 Acq: 27 Jan 2020 11:15

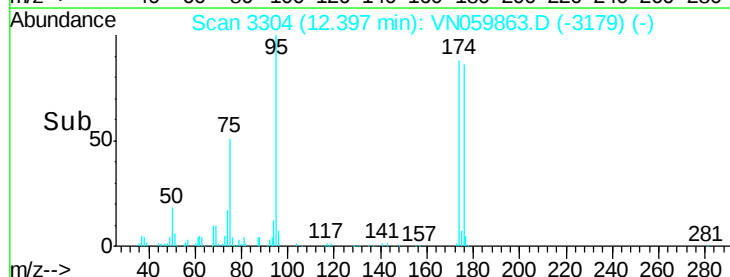
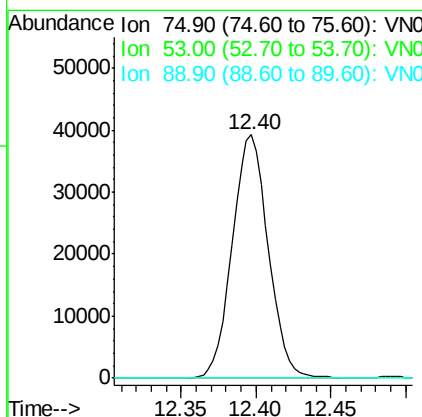
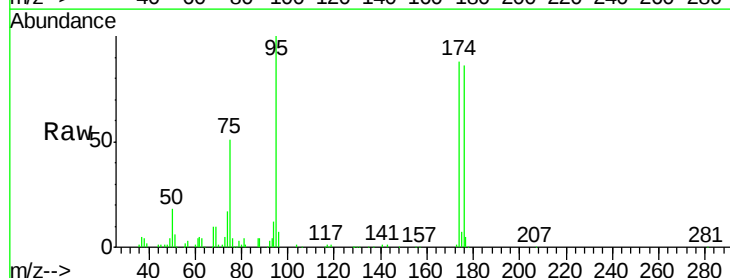
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127MBL01

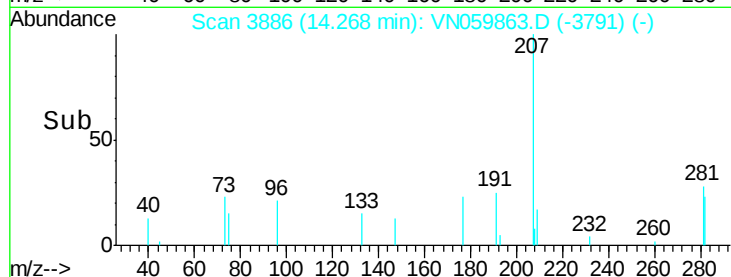
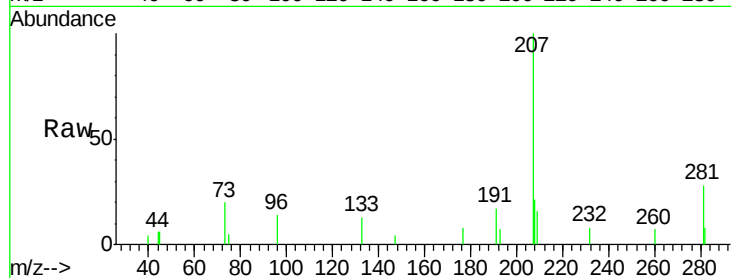
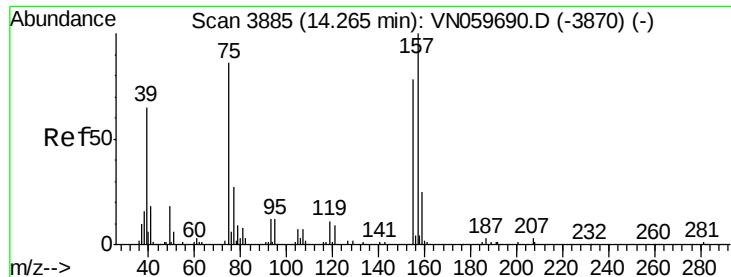
Tgt Ion: 75 Resp: 65708
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.20 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.10 min
 Lab File: VN059863.D
 Acq: 27 Jan 2020 11:15

Tgt Ion: 75 Resp: 65708
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.1 117.1#
 89 0.0 35.4 53.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN059863.D

Acq: 27 Jan 2020 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBL01

Tgt Ion: 75 Resp: 100

Ion Ratio Lower Upper

75 100

155 0.0 37.0 110.9#

157 0.0 48.4 145.2#

Abundance Ion 74.90 (74.60 to 75.60): VN059863.D (-3791) (-)

Ion 154.80 (154.50 to 155.50): VN059863.D (-3791) (-)

Ion 156.80 (156.50 to 157.50): VN059863.D (-3791) (-)

