

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040720\
 Data File : VN060885.D
 Acq On : 7 Apr 2020 18:20
 Operator : JC/MD
 Sample : L2178-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2F

Quant Time: Apr 08 05:55:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

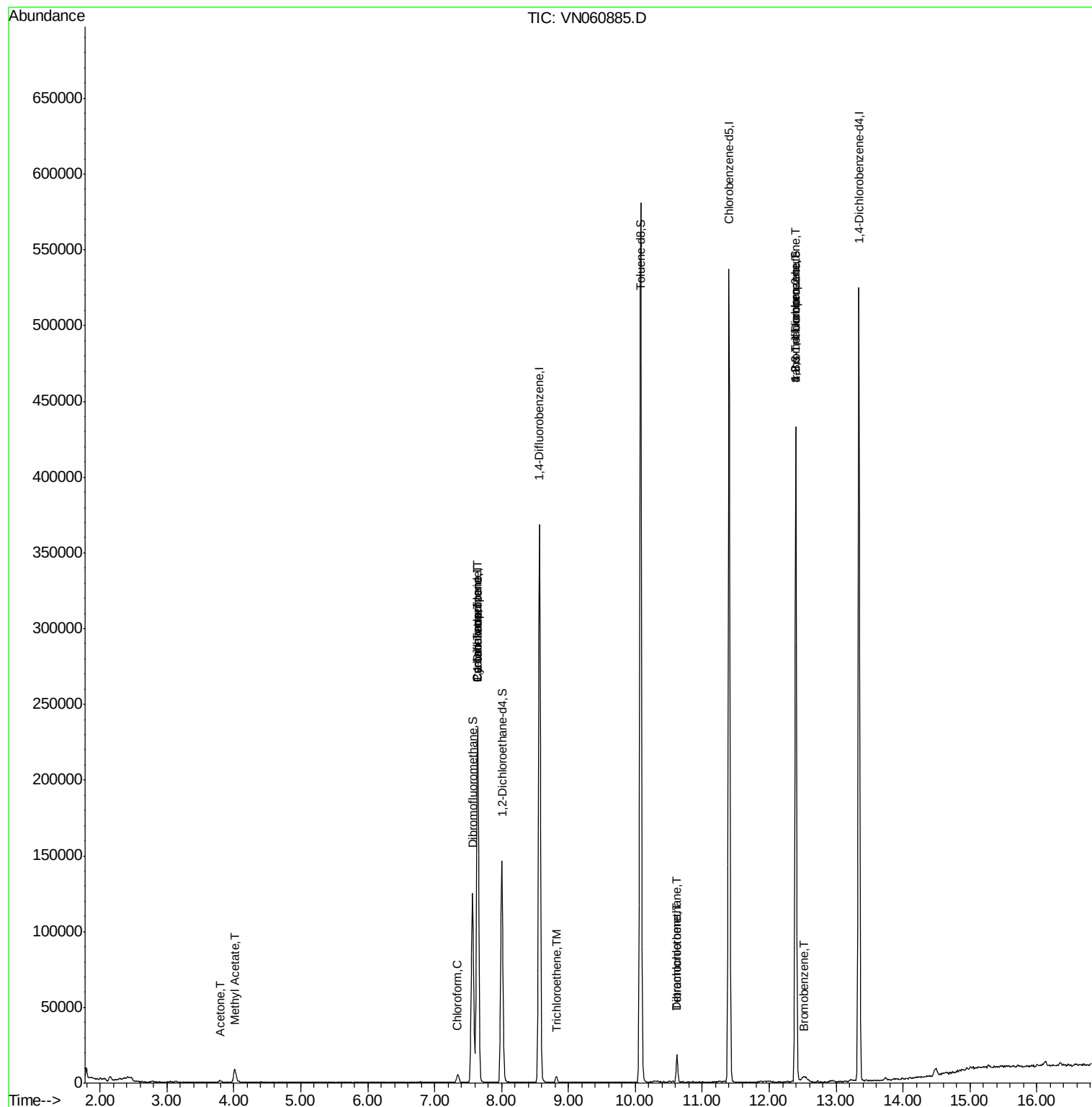
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	193872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	326731	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	305715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	139881	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	127705	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
35) Dibromofluoromethane	7.57	113	97243	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
50) Toluene-d8	10.08	98	400456	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
62) 4-Bromofluorobenzene	12.40	95	151321	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
Target Compounds						
					Qvalue	
16) Acetone	3.79	43	1789	1.898	ug/l #	85
18) Methyl Acetate	4.01	43	2898	1.092	ug/l #	54
30) Chloroform	7.35	83	5906	1.449	ug/l	94
31) Cyclohexane	7.64	56	4009	0.935	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	15264	4.825	ug/l #	49
38) Carbon Tetrachloride	7.64	117	18491	6.521	ug/l #	16
44) Trichloroethene	8.81	130	1522	0.632	ug/l	97
60) Dibromochloromethane	10.62	129	3914	1.708	ug/l #	11
64) Tetrachloroethene	10.62	164	4331	1.800	ug/l	97
76) 1,2,3-Trichloropropane	12.40	75	75788	25.109	ug/l #	100
77) Bromobenzene	12.52	156	7416	2.932	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.40	75	75788	64.488	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.48	75	91	Below Cal	#	1

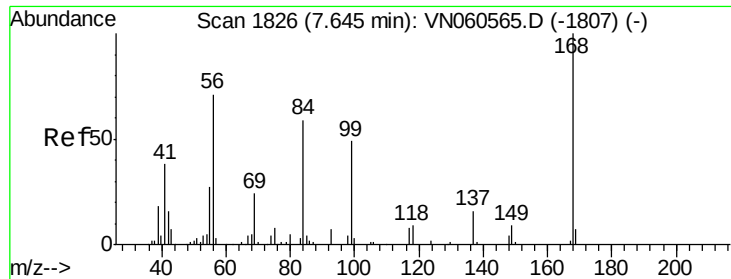
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN040720\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060885.D

Acq: 7 Apr 2020 18:20

Instrument :

MSVOA_N

ClientSampled :

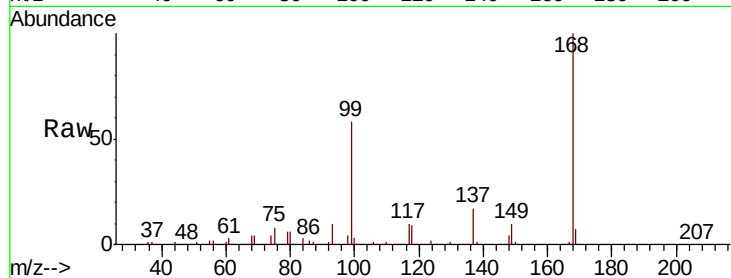
MW-2F

Tot Ion:168 Resp: 193872

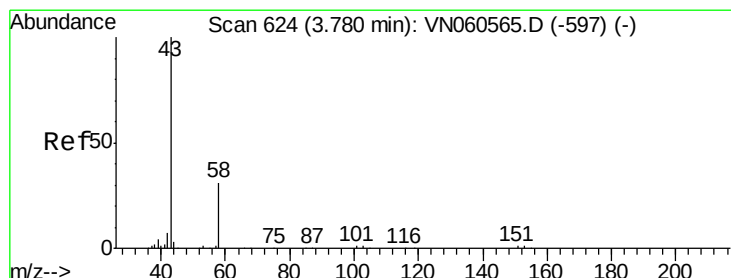
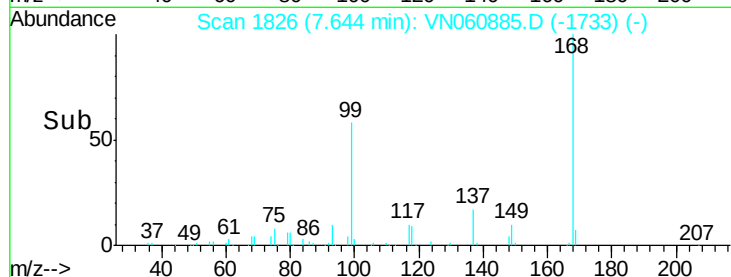
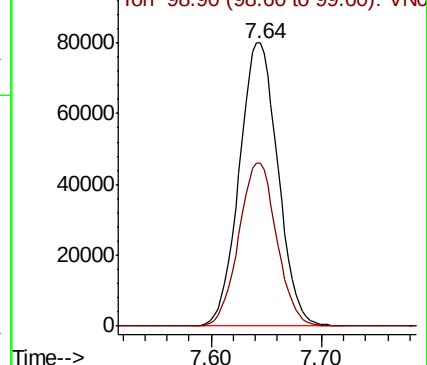
Ion Ratio Lower Upper

168 100

99 57.8 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VN060885.D (-1733) (-)



#16

Acetone

Concen: 1.898 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060885.D

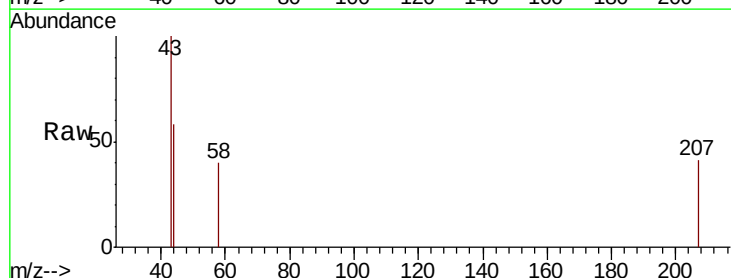
Acq: 7 Apr 2020 18:20

Tgt Ion: 43 Resp: 1789

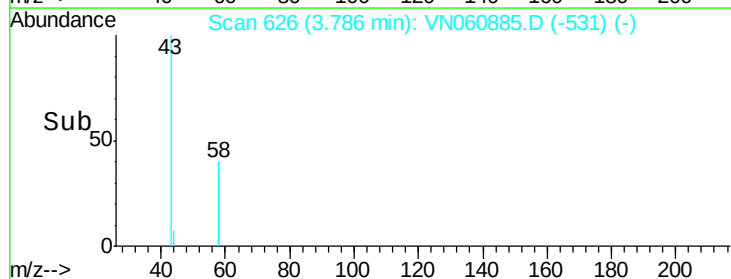
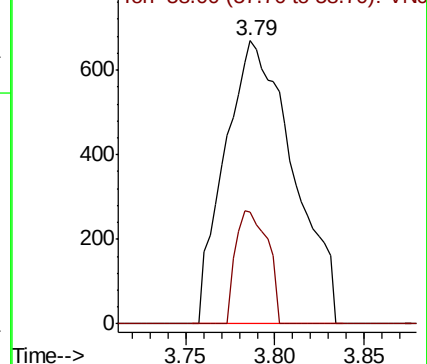
Ion Ratio Lower Upper

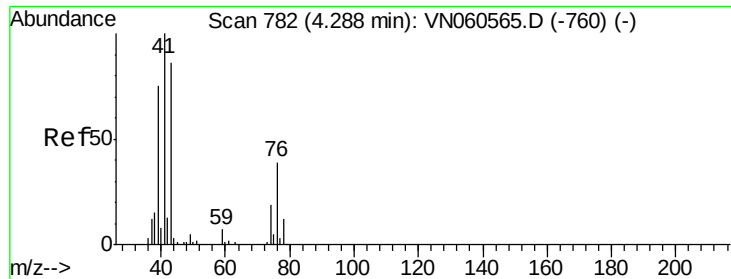
43 100

58 39.6 25.1 37.7#



Abundance Ion 43.00 (42.70 to 43.70): VN060885.D (-531) (-)

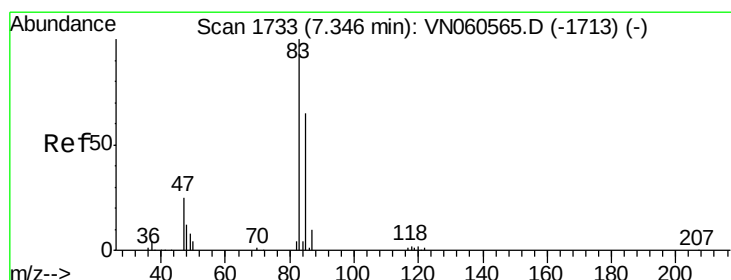
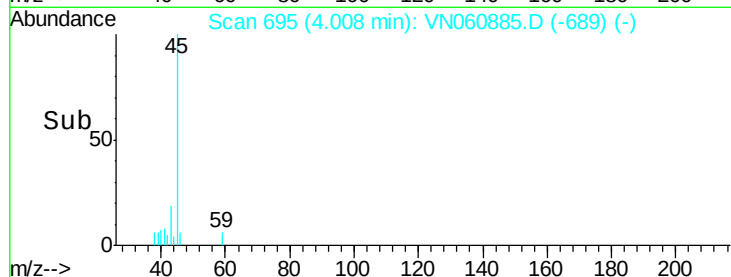
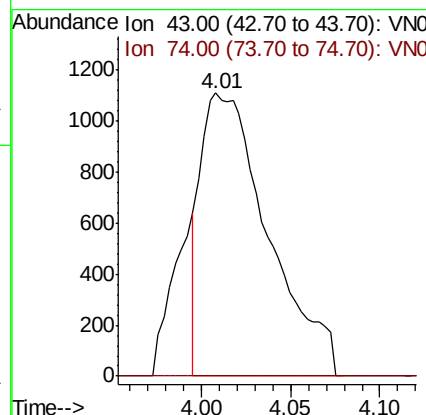
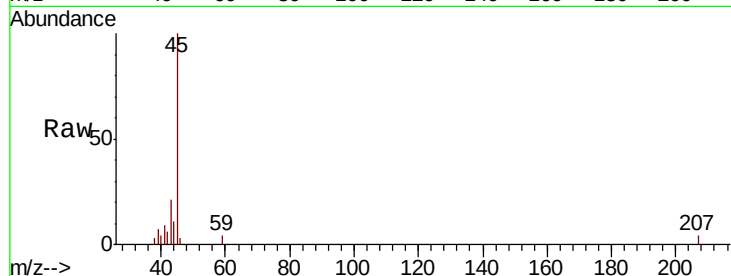




#18
Methvl Acetate
Concen: 1.092 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.28 min
Lab File: VN060885.D
Acq: 7 Apr 2020 18:20

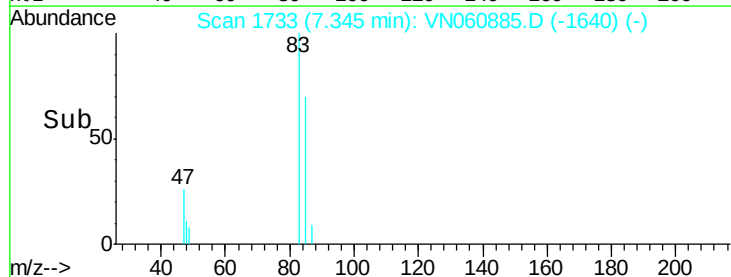
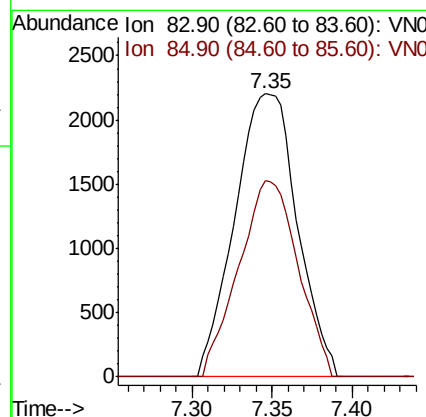
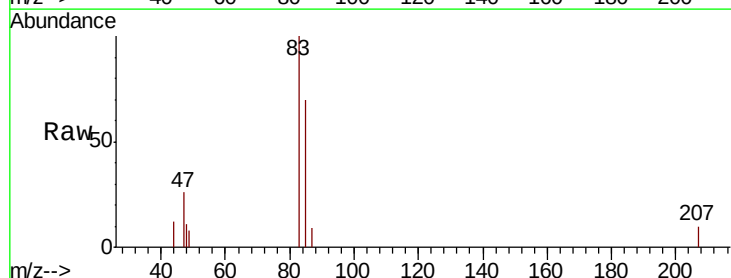
Instrument :
MSVOA_N
ClientSampled :
MW-2F

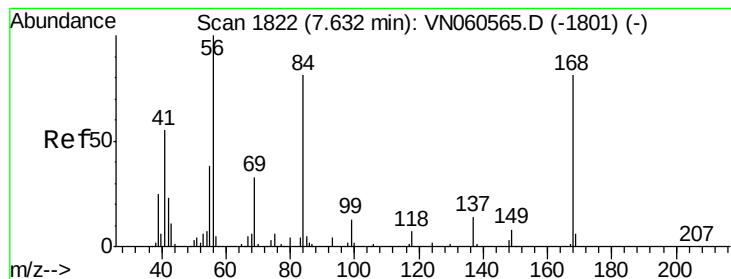
Tot Ion: 43 Resp: 2898
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#30
Chloroform
Concen: 1.449 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN060885.D
Acq: 7 Apr 2020 18:20

Tgt Ion: 83 Resp: 5906
Ion Ratio Lower Upper
83 100
85 69.5 51.8 77.8





#31

Cyclohexane

Concen: 0.935 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VN060885.D

Acq: 7 Apr 2020 18:20

Instrument :

MSVOA_N

ClientSampled :

MW-2F

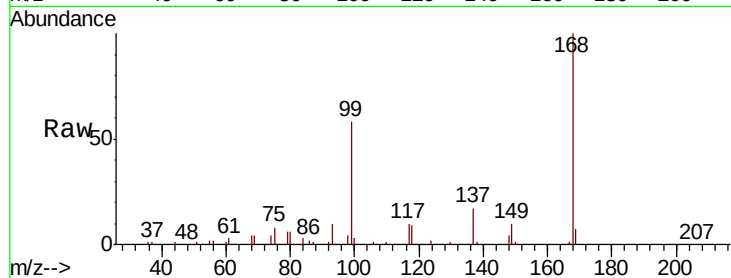
Tot Ion: 56 Resp: 4009

Ion Ratio Lower Upper

56 100

69 174.8 26.6 40.0#

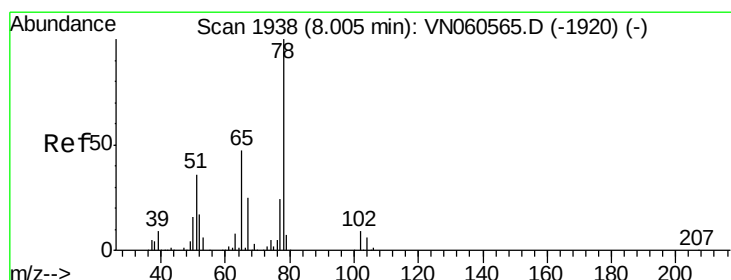
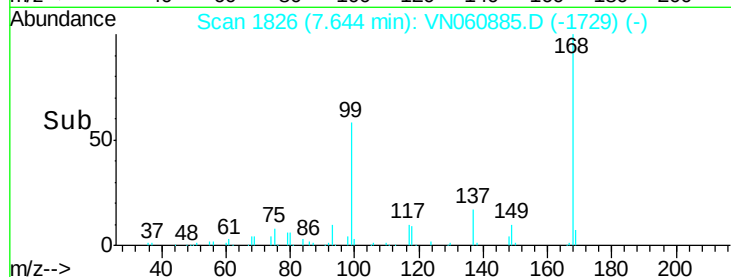
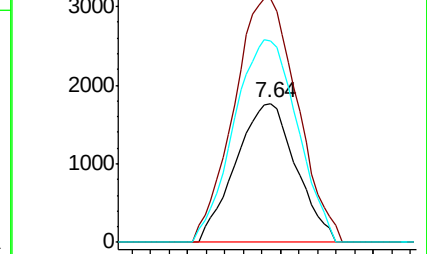
84 144.8 64.3 96.5#



Abundance Ion 56.00 (55.70 to 56.70): VN060885.D (-1729) (-)

Ion 69.00 (68.70 to 69.70): VN060885.D (-1729) (-)

Ion 84.00 (83.70 to 84.70): VN060885.D (-1729) (-)



#33

1,2-Dichloroethane-d4

Concen: 47.984 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060885.D

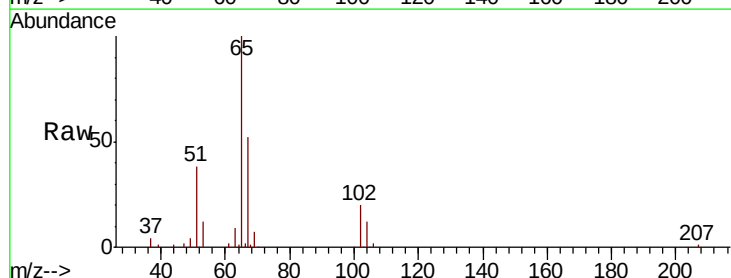
Acq: 7 Apr 2020 18:20

Tgt Ion: 65 Resp: 127705

Ion Ratio Lower Upper

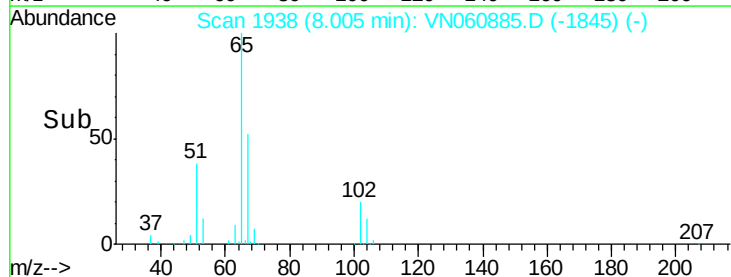
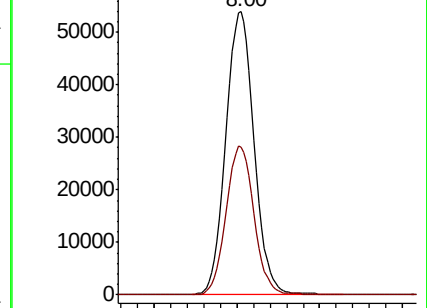
65 100

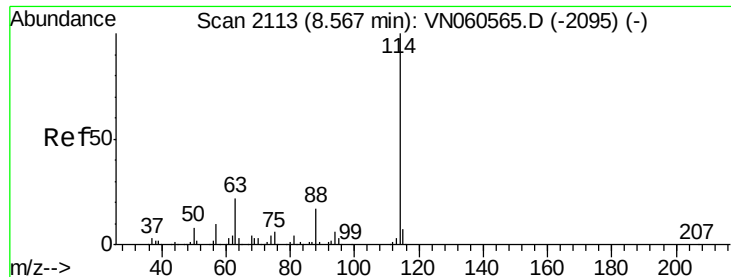
67 51.9 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN060885.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN060885.D (-1845) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN060885.D

Acq: 7 Apr 2020 18:20

Instrument :

MSVOA_N

ClientSampleId :

MW-2F

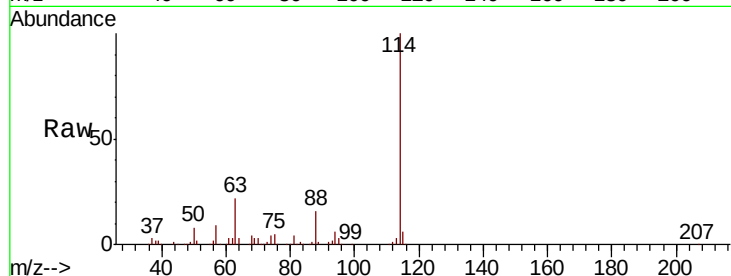
Tot Ion:114 Resp: 326731

Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.8

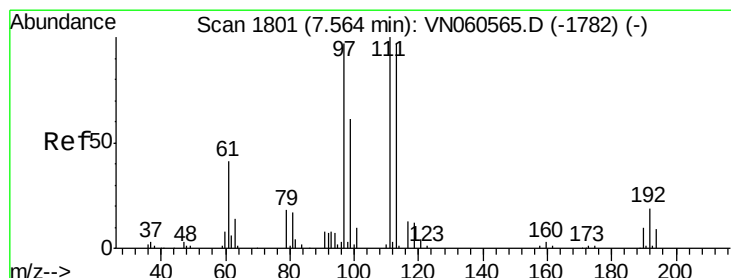
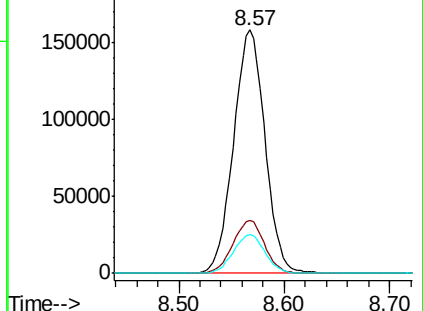
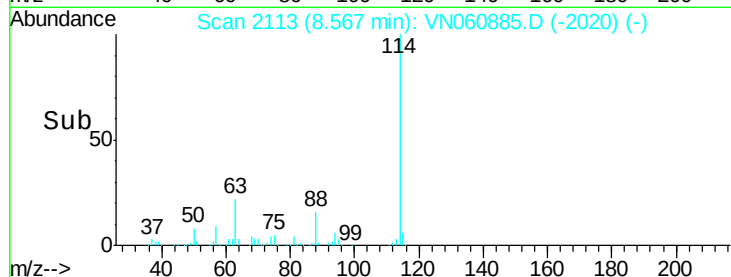
88 16.0 0.0 33.0



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: 49.221 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060885.D

Acq: 7 Apr 2020 18:20

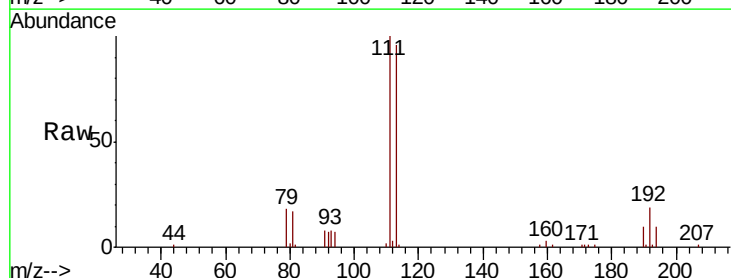
Tgt Ion:113 Resp: 97243

Ion Ratio Lower Upper

113 100

111 101.5 82.9 124.3

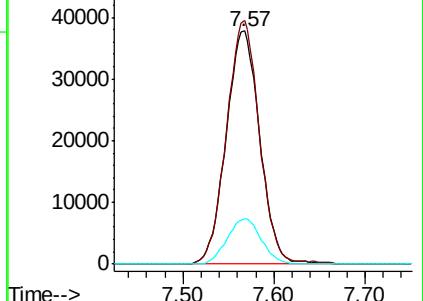
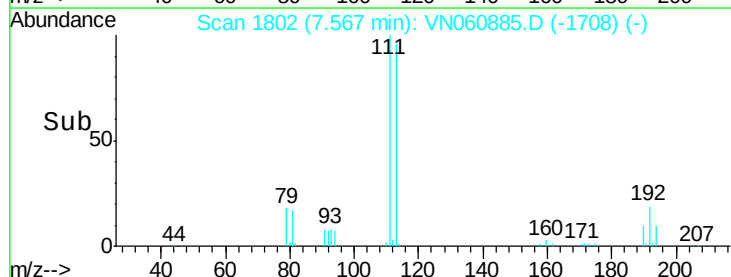
192 19.6 15.8 23.8

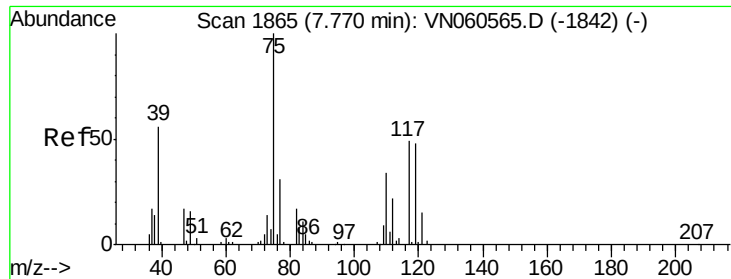


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.825 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.13 min

Lab File: VN060885.D

Acq: 7 Apr 2020 18:20

Instrument :

MSVOA_N

ClientSampleId :

MW-2F

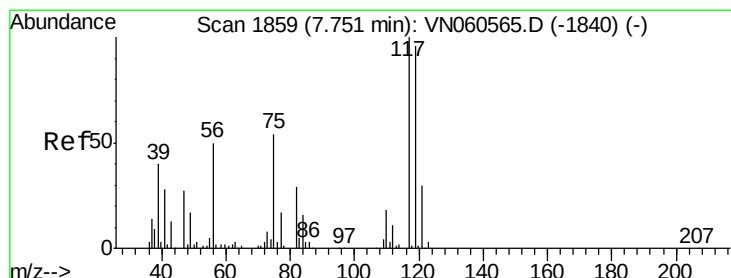
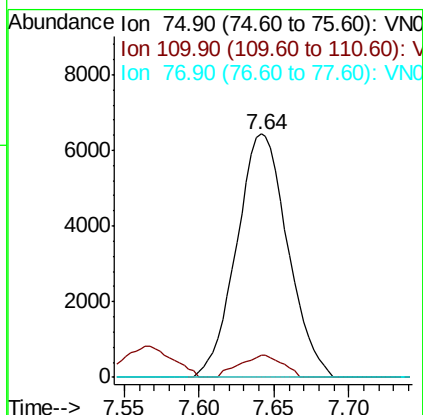
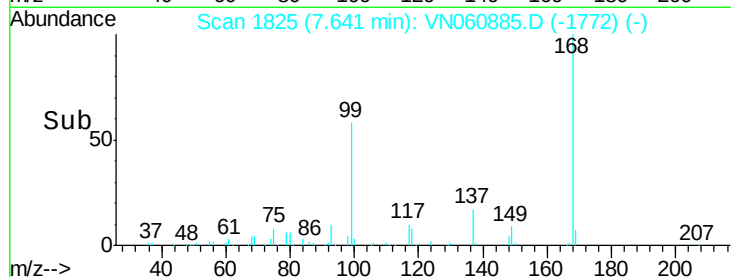
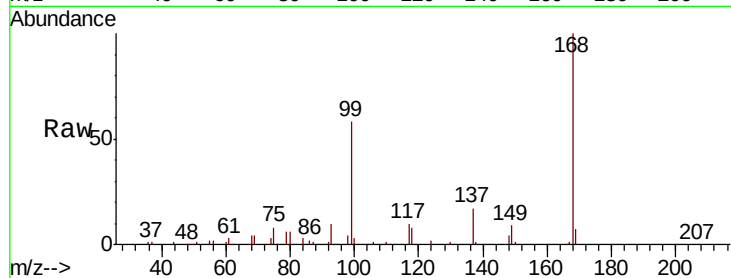
Tot Ion: 75 Resp: 15264

Ion Ratio Lower Upper

75 100

110 7.7 16.9 50.6#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 6.521 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN060885.D

Acq: 7 Apr 2020 18:20

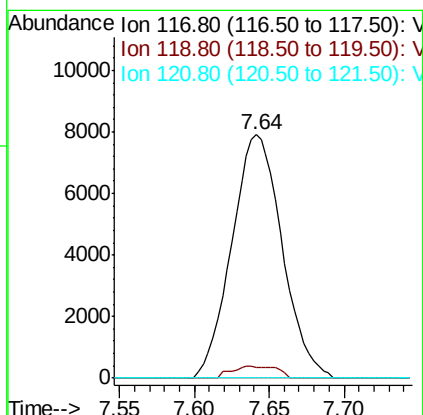
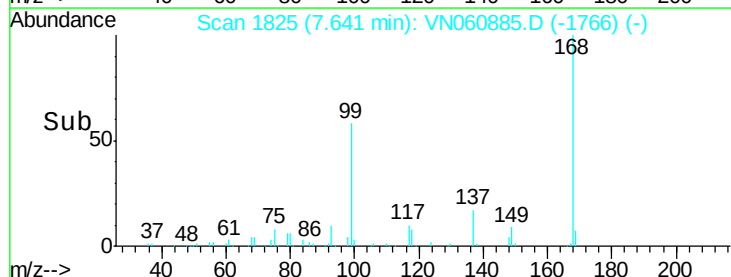
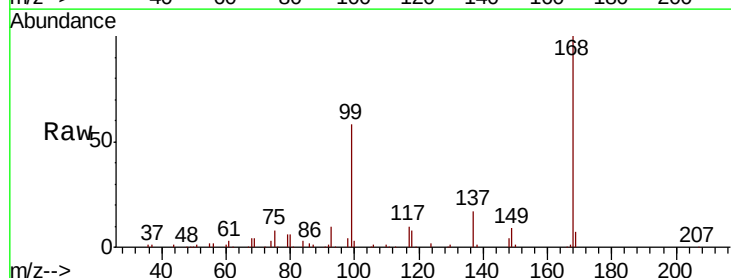
Tgt Ion: 117 Resp: 18491

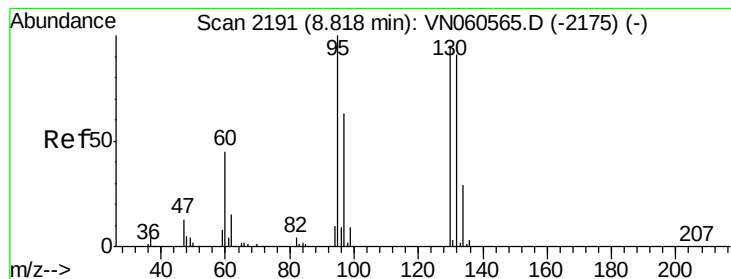
Ion Ratio Lower Upper

117 100

119 4.6 76.2 114.2#

121 0.0 23.7 35.5#





#44

Trichloroethene

Concen: 0.632 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN060885.D

Acq: 7 Apr 2020 18:20

Instrument :

MSVOA_N

ClientSampled :

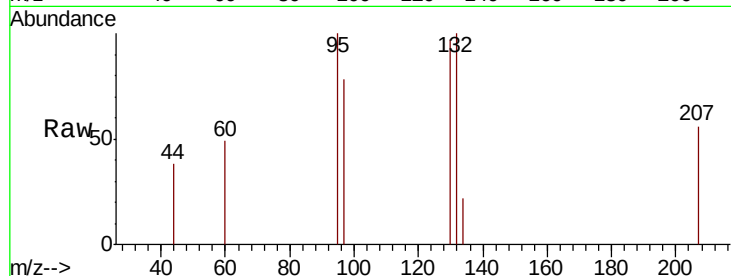
MW-2F

Tot Ion:130 Resp: 1522

Ion Ratio Lower Upper

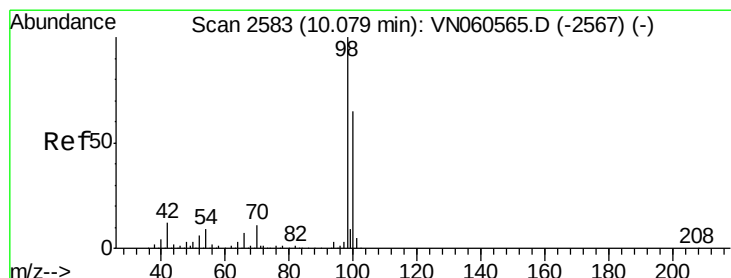
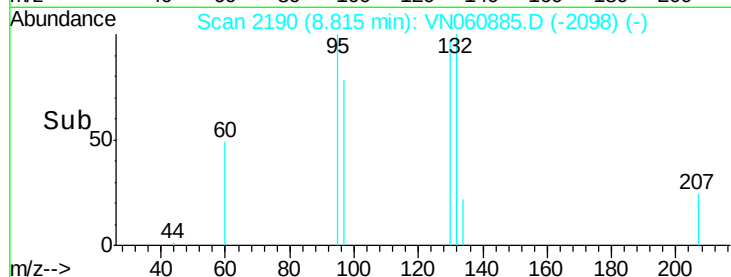
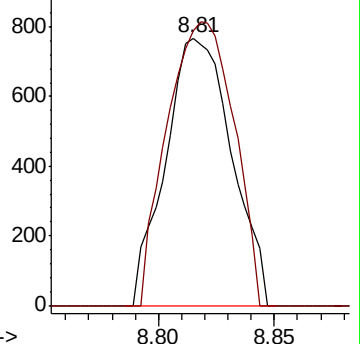
130 100

95 102.6 0.0 211.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 49.625 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060885.D

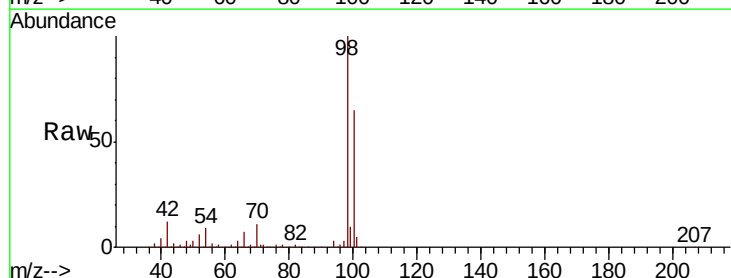
Acq: 7 Apr 2020 18:20

Tgt Ion: 98 Resp: 400456

Ion Ratio Lower Upper

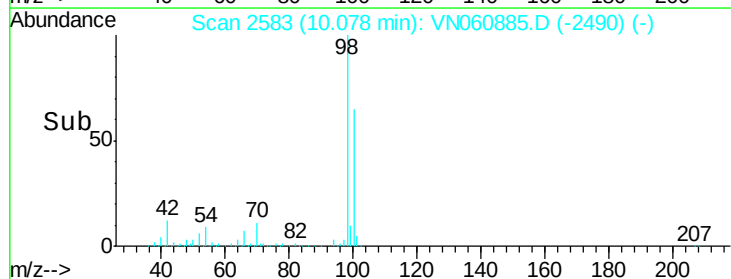
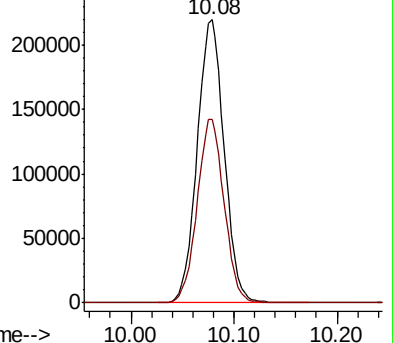
98 100

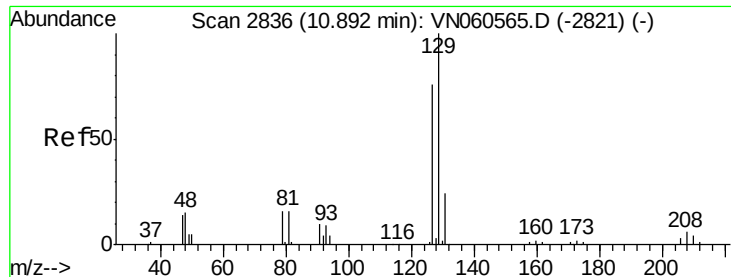
100 64.7 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

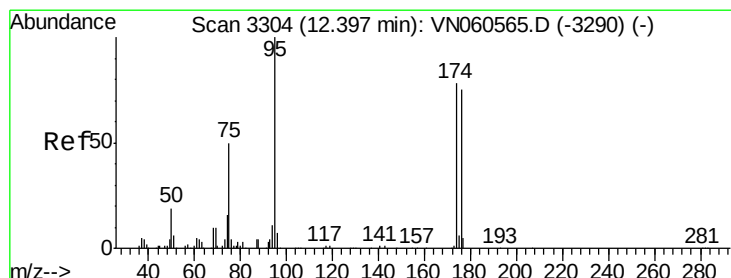
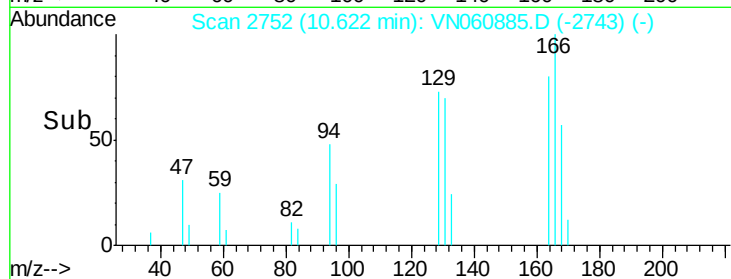
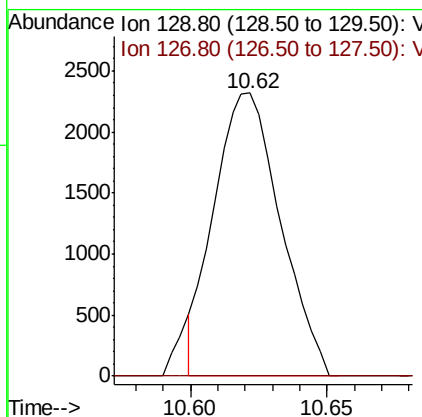
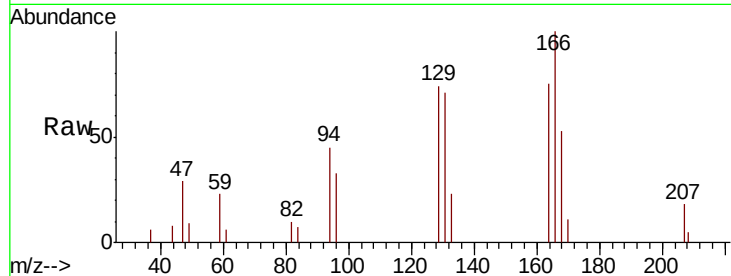




#60
 Dibromochloromethane
 Concen: 1.708 ug/l
 RT: 10.62 min Scan# 2752
 Delta R.T. -0.27 min
 Lab File: VN060885.D
 Acq: 7 Apr 2020 18:20

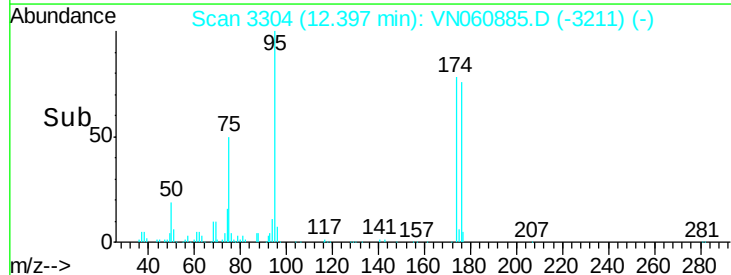
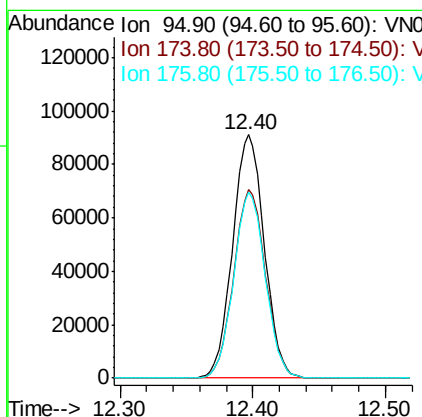
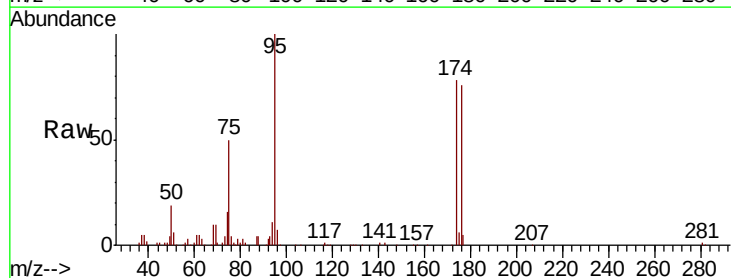
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2F

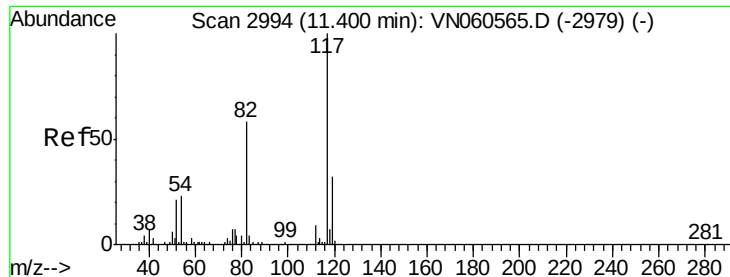
Tot Ion:129 Resp: 3914
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.5 115.5#



#62
 4-Bromofluorobenzene
 Concen: 51.166 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN060885.D
 Acq: 7 Apr 2020 18:20

Tgt Ion: 95 Resp: 151321
 Ion Ratio Lower Upper
 95 100
 174 77.9 0.0 157.6
 176 76.1 0.0 150.6

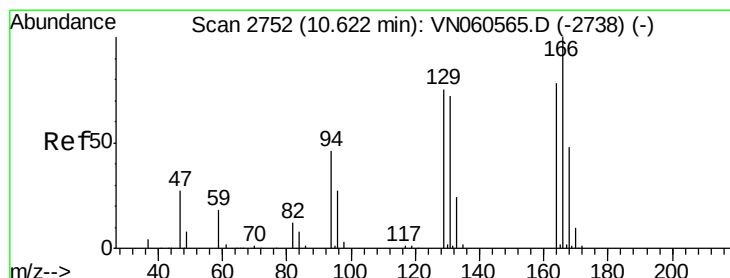
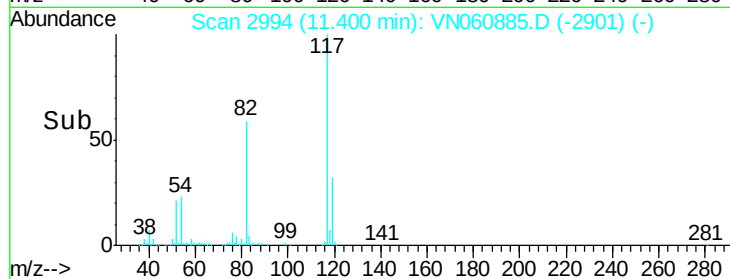
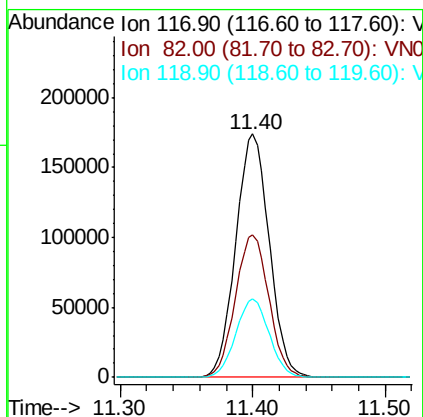
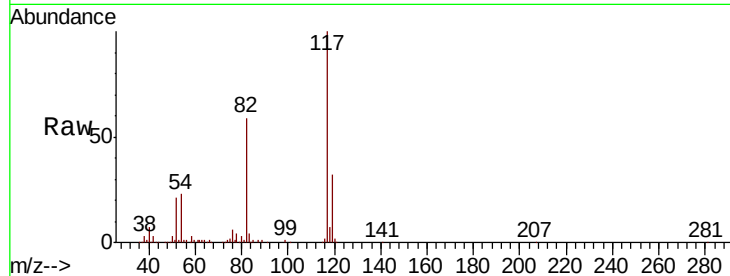




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060885.D
Acq: 7 Apr 2020 18:20

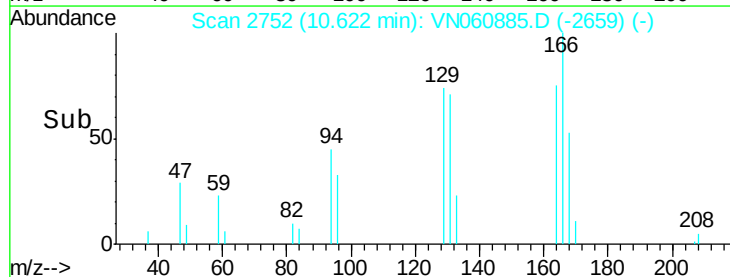
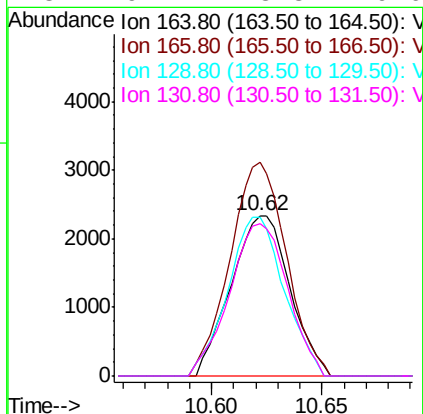
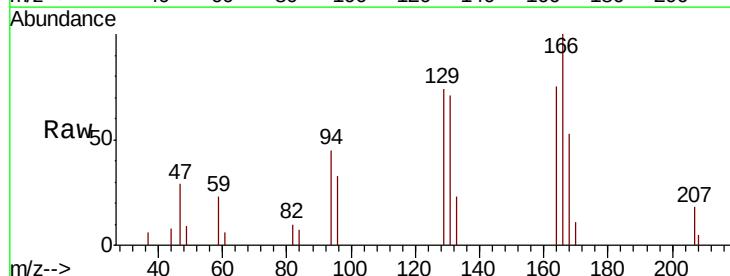
Instrument :
MSVOA_N
ClientSampleId :
MW-2F

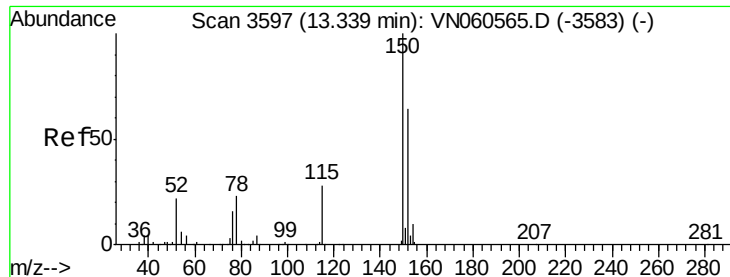
Tot Ion:117 Resp: 305715
Ion Ratio Lower Upper
117 100
82 58.8 46.7 70.1
119 32.0 25.5 38.3



#64
Tetrachloroethene
Concen: 1.800 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN060885.D
Acq: 7 Apr 2020 18:20

Tgt Ion:164 Resp: 4331
Ion Ratio Lower Upper
164 100
166 133.1 102.7 154.1
129 99.1 77.2 115.8
131 94.7 73.8 110.6

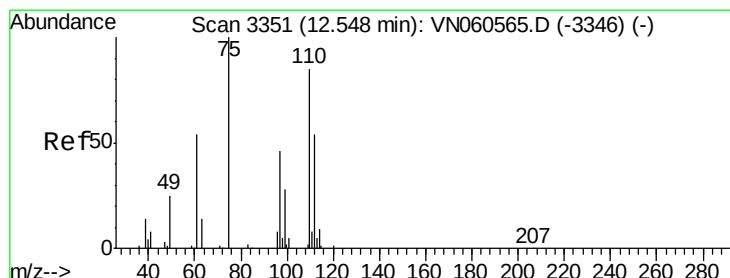
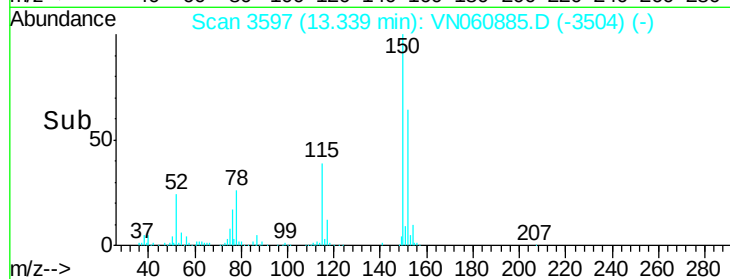
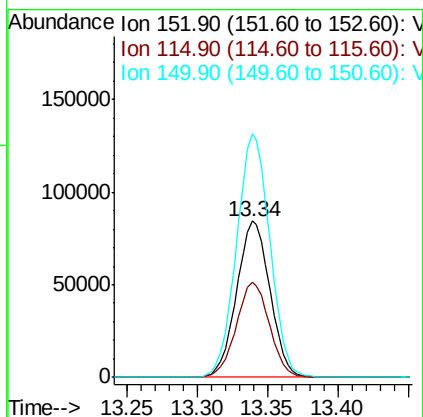
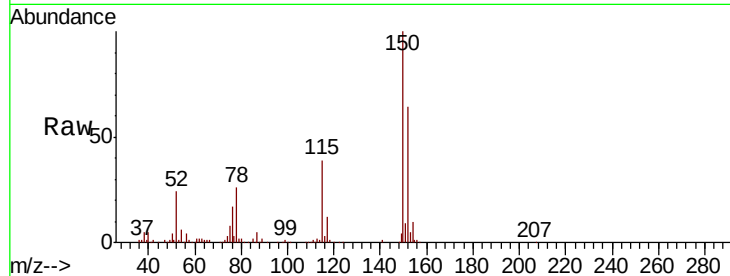




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN060885.D
 Acq: 7 Apr 2020 18:20

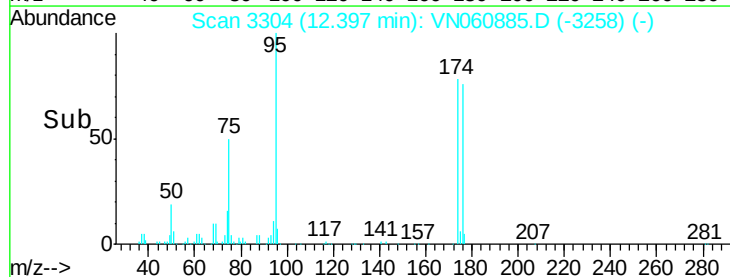
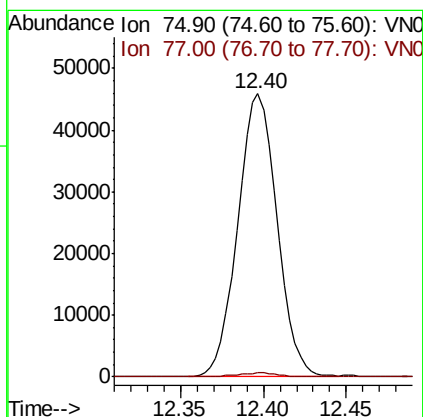
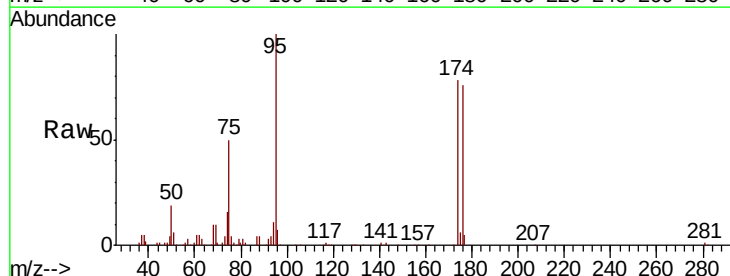
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2F

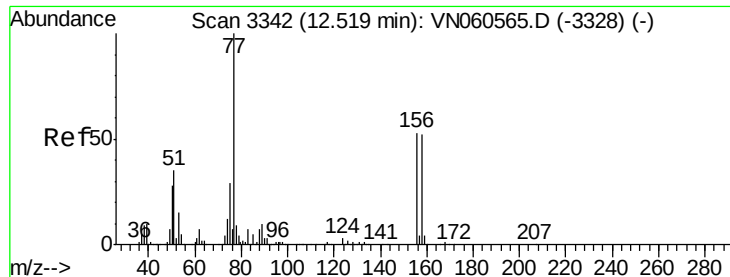
Tot Ion	Ratio	Lower	Upper
152	100		
115	60.7	30.2	90.6
150	156.2	0.0	350.2



#76
 1,2,3-Trichloropropane
 Concen: 25.109 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.15 min
 Lab File: VN060885.D
 Acq: 7 Apr 2020 18:20

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#





#77

Bromobenzene

Concen: 2.932 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060885.D

Acq: 7 Apr 2020 18:20

Instrument :

MSVOA_N

ClientSampleId :

MW-2F

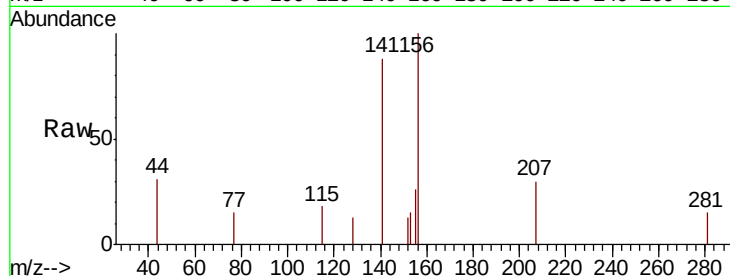
Tot Ion:156 Resp: 7416

Ion Ratio Lower Upper

156 100

77 2.4 112.3 337.0#

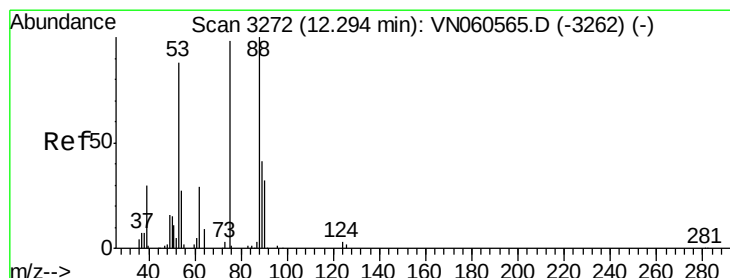
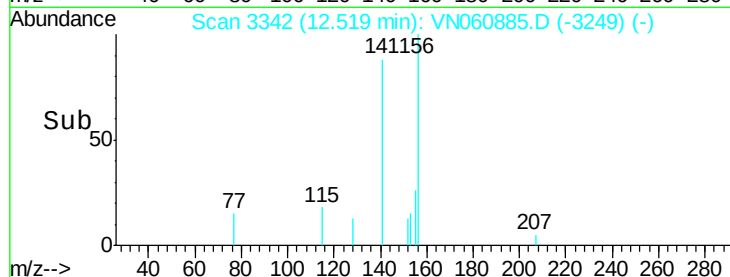
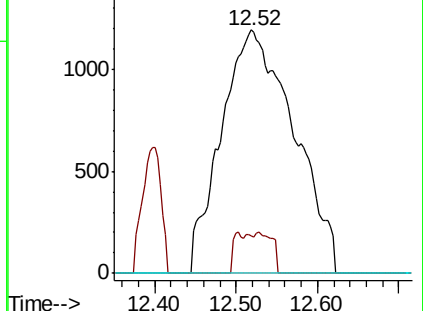
158 0.0 48.6 145.8#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VNO

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 64.488 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN060885.D

Acq: 7 Apr 2020 18:20

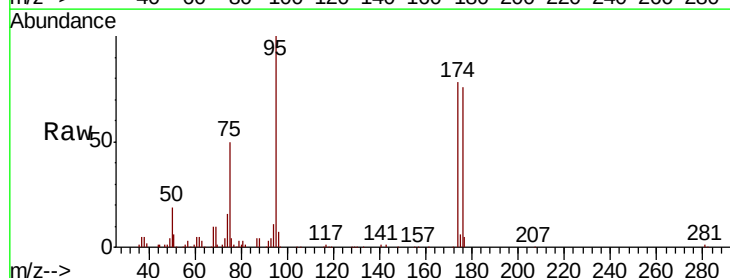
Tgt Ion: 75 Resp: 75788

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.4#

89 0.0 34.8 52.2#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

