

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092420\
 Data File : VN063620.D
 Acq On : 24 Sep 2020 11:48
 Operator : JC/MD
 Sample : VN0924MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924MBL01

Quant Time: Sep 24 16:50:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	210170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	395617	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	385328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	154937	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	178198	49.81	ug/l	0.00
Spiked Amount						
			Recovery	=	99.62%	
35) Dibromofluoromethane	7.55	113	131504	48.02	ug/l	0.00
Spiked Amount						
			Recovery	=	96.04%	
50) Toluene-d8	10.06	98	502865	48.83	ug/l	0.00
Spiked Amount						
			Recovery	=	97.66%	
62) 4-Bromofluorobenzene	12.38	95	184916	48.98	ug/l	0.00
Spiked Amount						
			Recovery	=	97.96%	

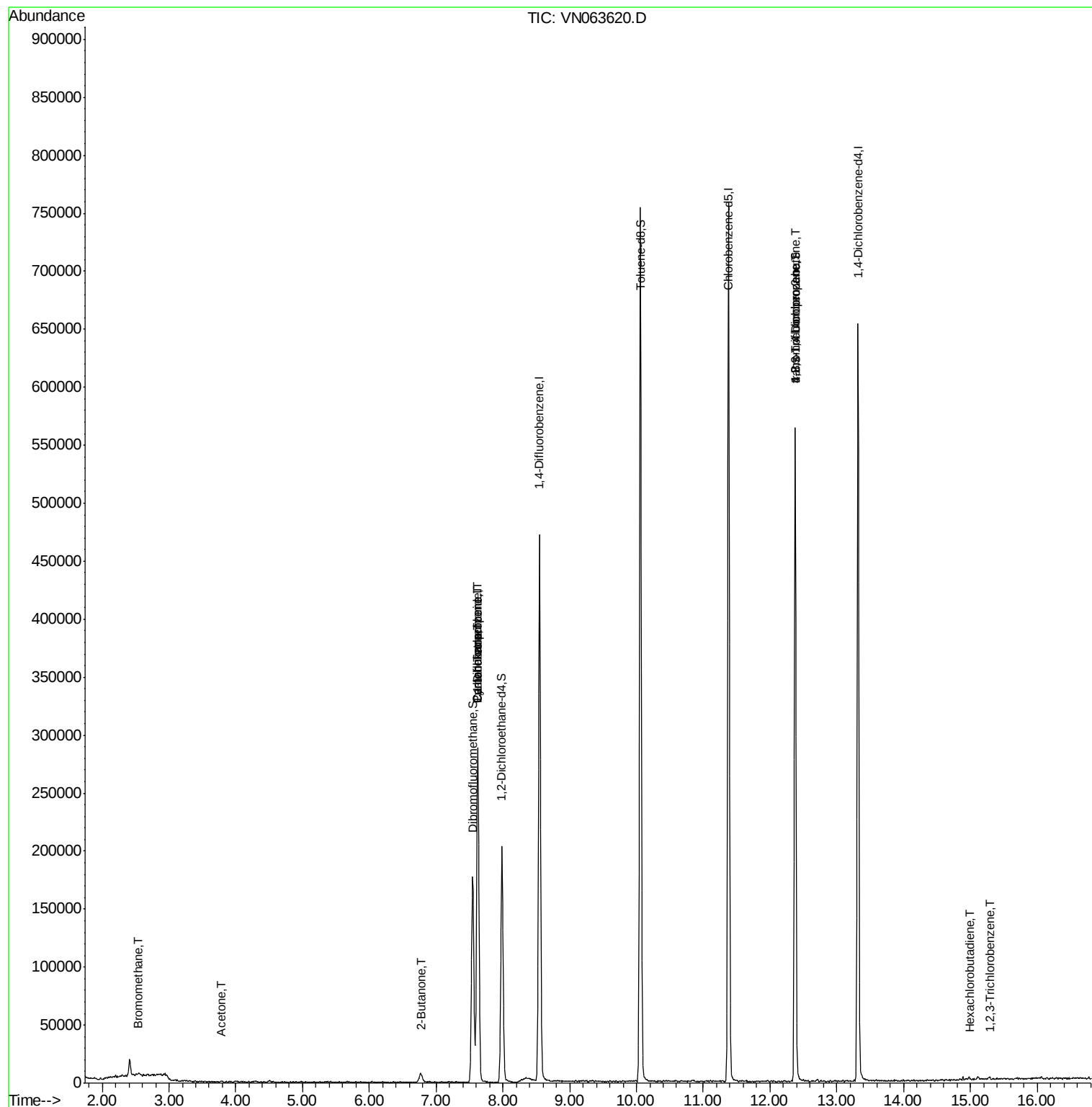
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.55	94	527	0.318	ug/l	96
16) Acetone	3.79	43	756	0.658	ug/l #	47
25) 2-Butanone	6.78	43	458	0.259	ug/l #	51
31) Cyclohexane	7.62	56	6374	1.290	ug/l #	36
36) 1,1-Dichloropropene	7.62	75	19851	4.710	ug/l #	52
38) Carbon Tetrachloride	7.62	117	23493	5.460	ug/l #	16
76) 1,2,3-Trichloropropane	12.38	75	104885	27.350	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	104885	74.984	ug/l #	7
94) Hexachlorobutadiene	14.98	225	448	0.361	ug/l #	65
96) 1,2,3-Trichlorobenzene	15.29	180	608	0.210	ug/l	78

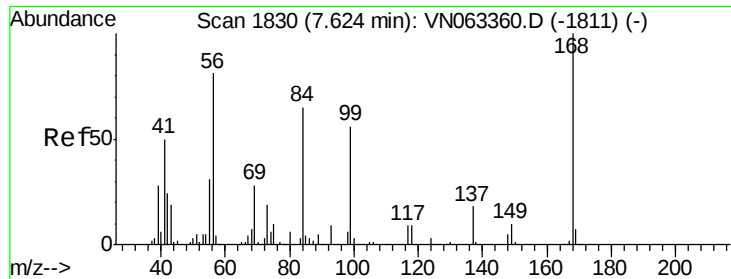
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN092420\
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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VN0924MBL01

Quant Time: Sep 24 16:50:38 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN063620.D

Acq: 24 Sep 2020 11:48

Instrument :

MSVOA_N

ClientSampled :

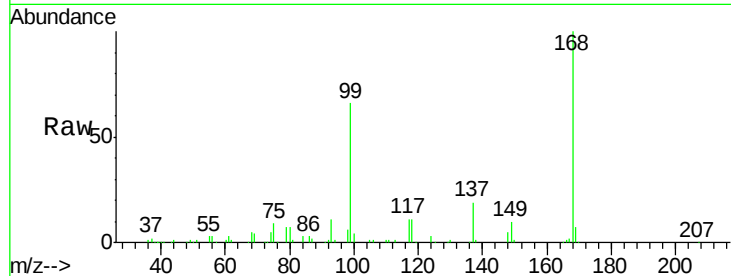
VN0924MBL01

Tgt Ion: 168 Resp: 210170

Ion Ratio Lower Upper

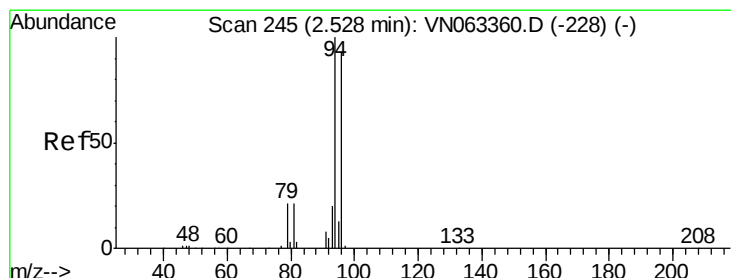
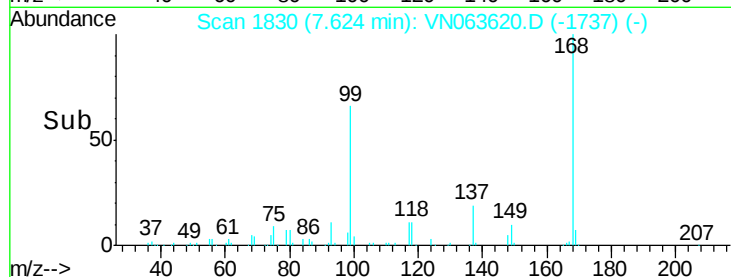
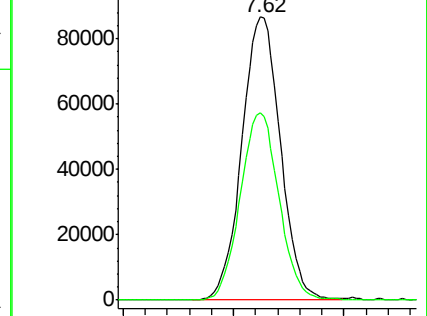
168 100

99 66.2 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#5

Bromomethane

Concen: 0.318 ug/l

RT: 2.55 min Scan# 251

Delta R.T. 0.02 min

Lab File: VN063620.D

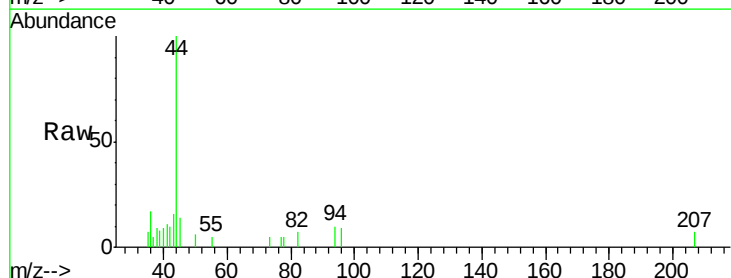
Acq: 24 Sep 2020 11:48

Tgt Ion: 94 Resp: 527

Ion Ratio Lower Upper

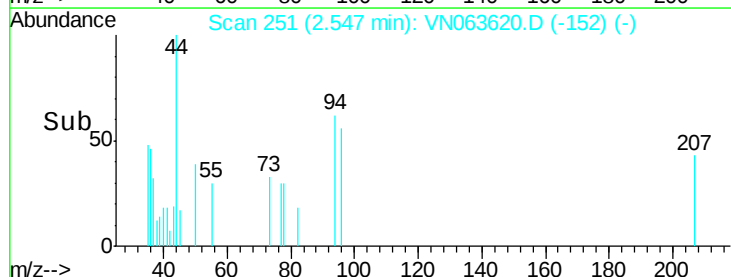
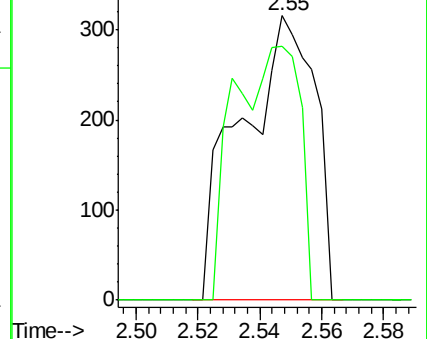
94 100

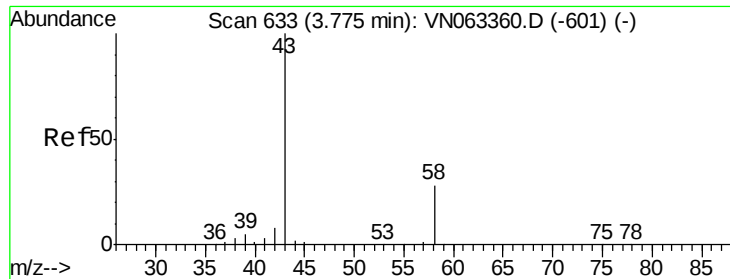
96 89.2 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0





#16

Acetone

Concen: 0.658 ug/l

RT: 3.79 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN063620.D

Acq: 24 Sep 2020 11:48

Instrument :

MSVOA_N

ClientSampled :

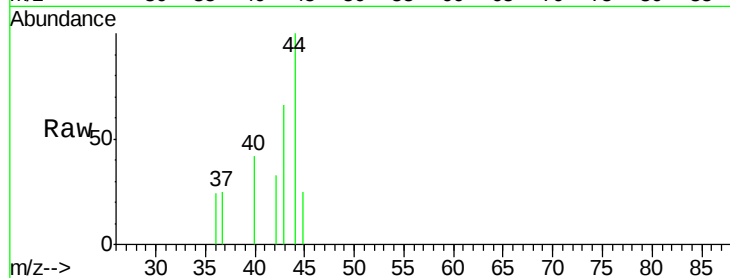
VN0924MBL01

Tgt Ion: 43 Resp: 756

Ion Ratio Lower Upper

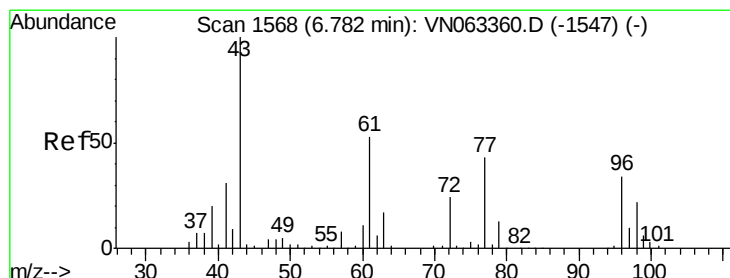
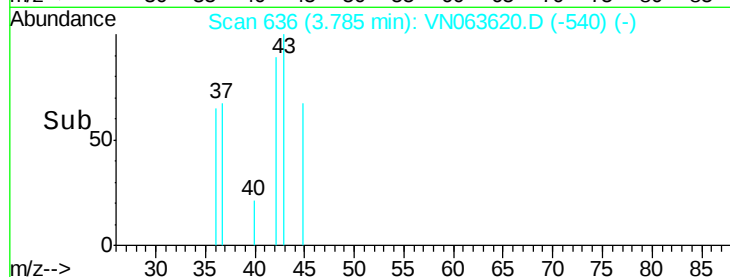
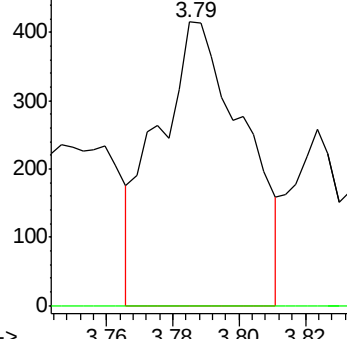
43 100

58 0.0 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#25

2-Butanone

Concen: 0.259 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063620.D

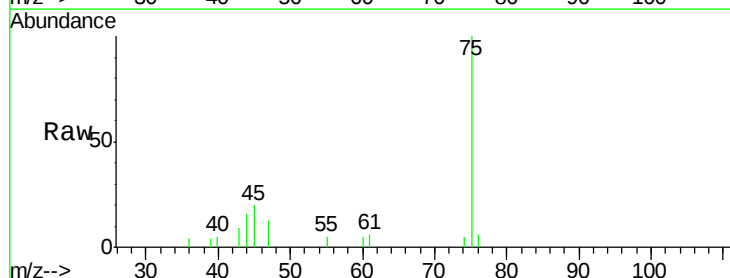
Acq: 24 Sep 2020 11:48

Tgt Ion: 43 Resp: 458

Ion Ratio Lower Upper

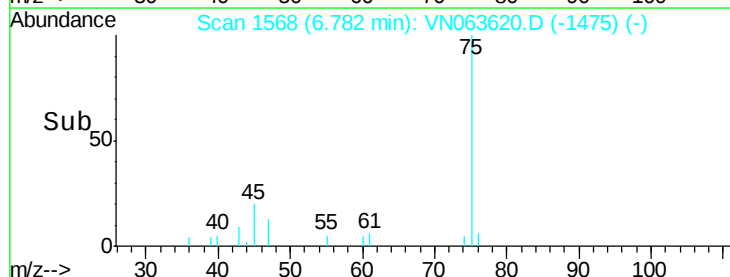
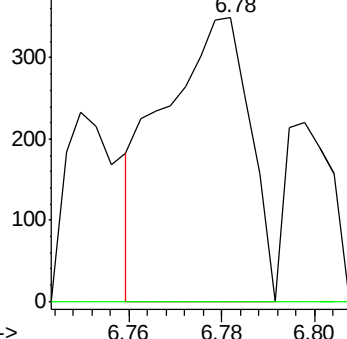
43 100

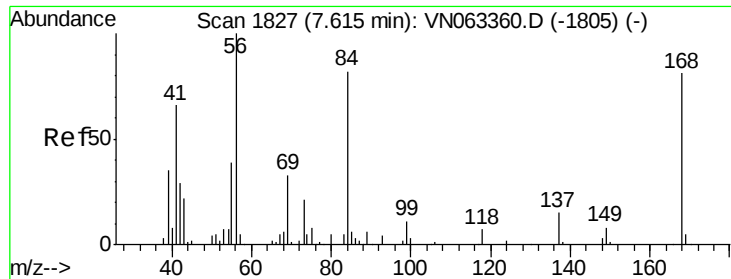
72 0.0 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

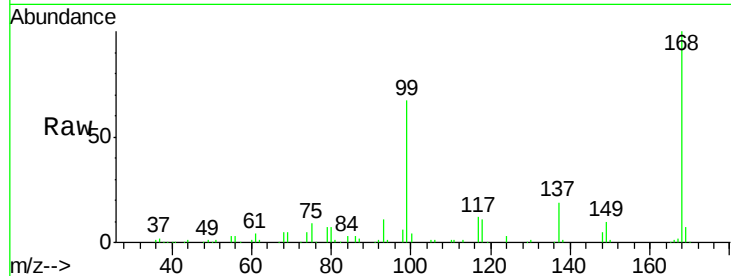




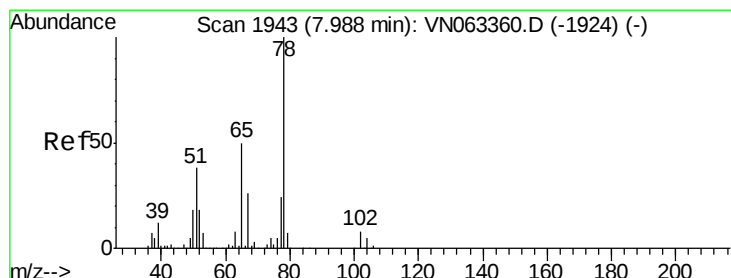
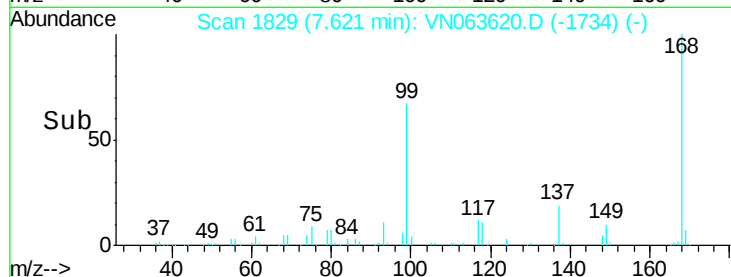
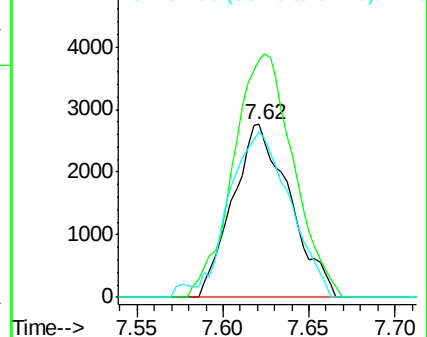
#31
Cyclohexane
Concen: 1.290 ug/l
RT: 7.62 min Scan# 1829
Delta R.T. 0.01 min
Lab File: VN063620.D
Acq: 24 Sep 2020 11:48

Instrument :
MSVOA_N
ClientSampleId :
VN0924MBL01

Tgt Ion: 56 Resp: 6374
Ion Ratio Lower Upper
56 100
69 136.8 26.1 39.1#
84 95.3 65.4 98.2

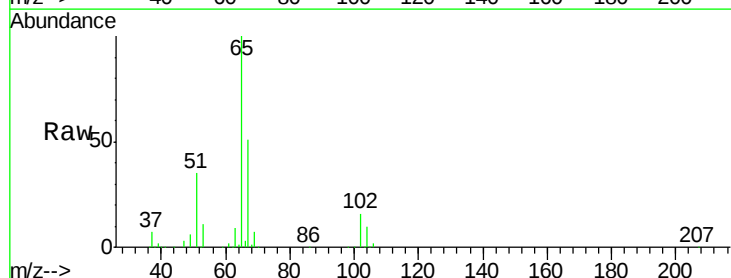


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

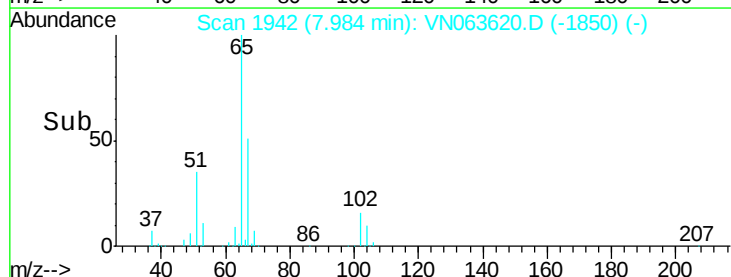
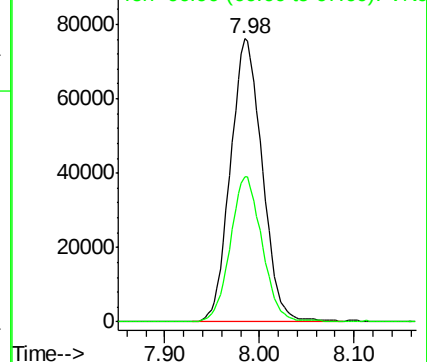


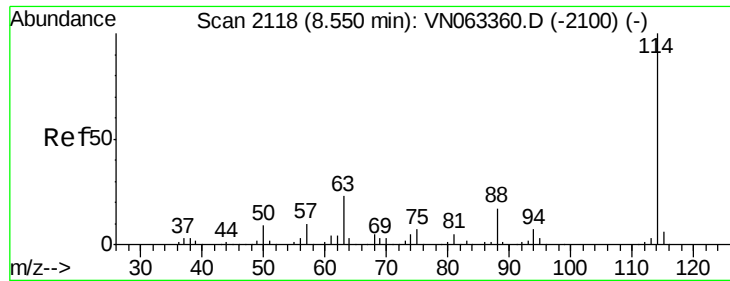
#33
1,2-Dichloroethane-d4
Concen: 49.809 ug/l
RT: 7.98 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN063620.D
Acq: 24 Sep 2020 11:48

Tgt Ion: 65 Resp: 178198
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

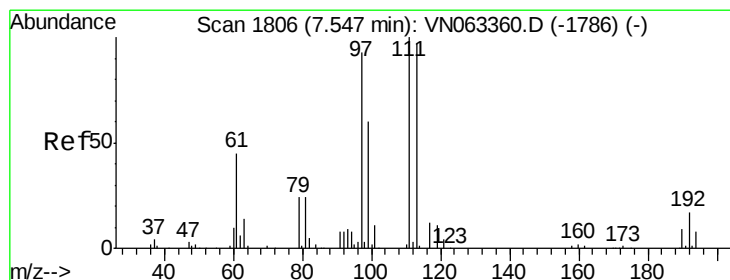
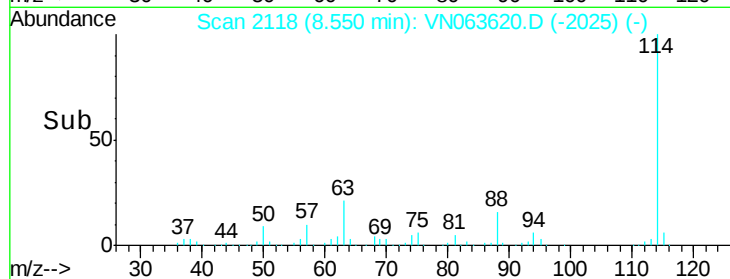
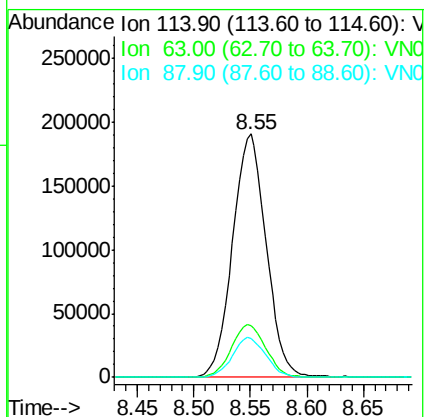
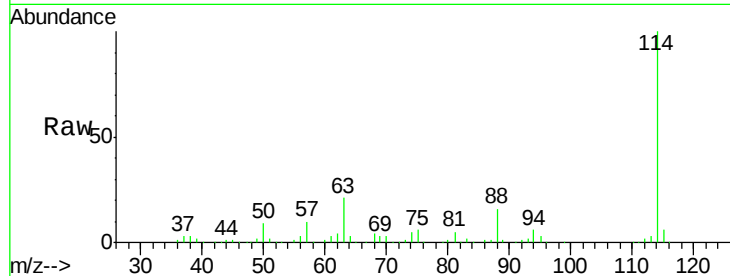




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN063620.D
Acq: 24 Sep 2020 11:48

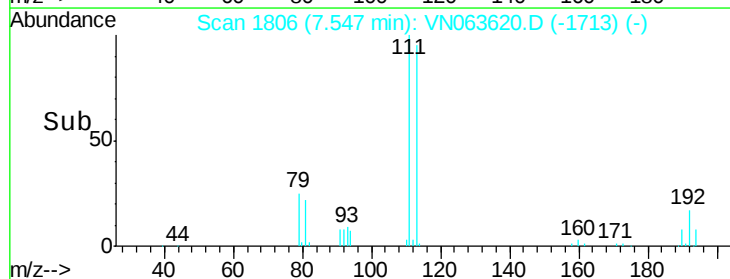
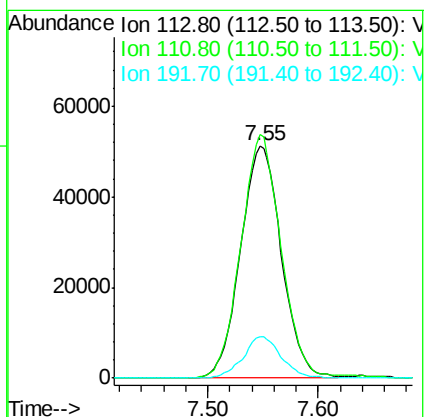
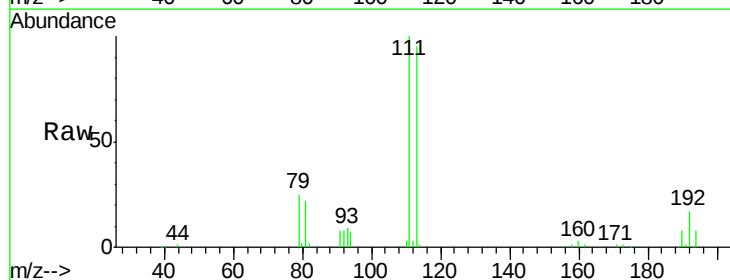
Instrument :
MSVOA_N
ClientSampleId :
VN0924MBL01

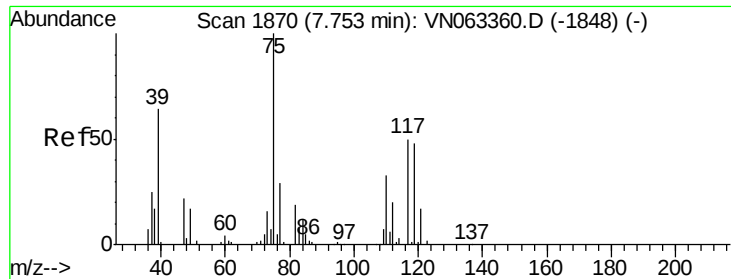
Tgt Ion:114 Resp: 395617
Ion Ratio Lower Upper
114 100
63 21.2 0.0 46.4
88 16.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.016 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. 0.00 min
Lab File: VN063620.D
Acq: 24 Sep 2020 11:48

Tgt Ion:113 Resp: 131504
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 16.5 13.9 20.9

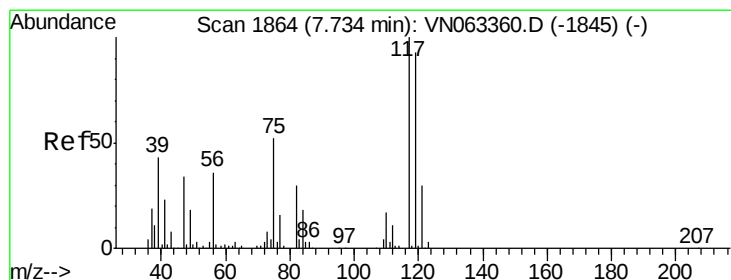
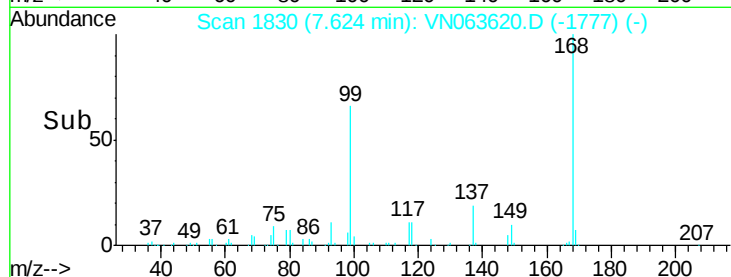
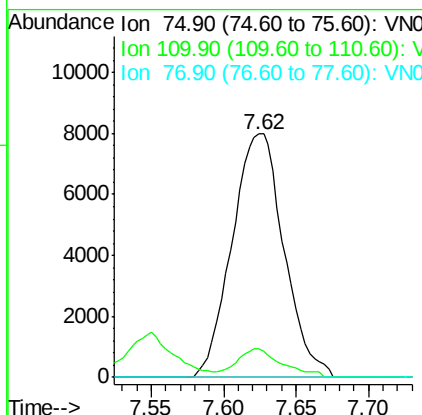
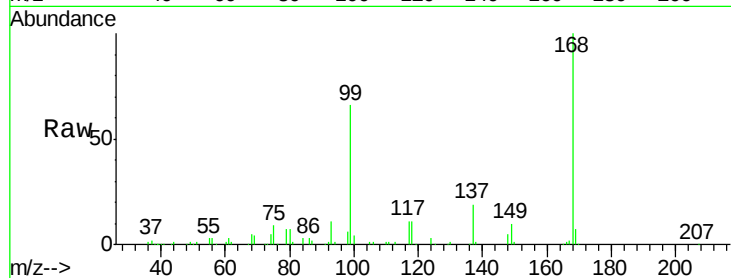




#36
 1,1-Dichloropropene
 Concen: 4.710 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN063620.D
 Acq: 24 Sep 2020 11:48

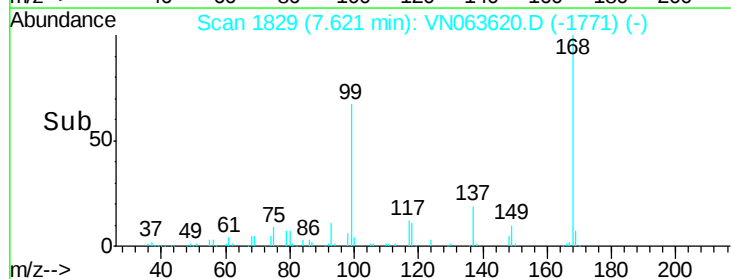
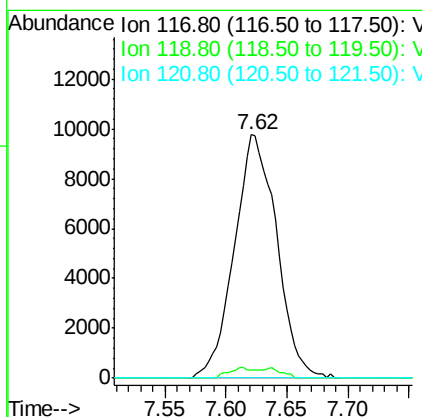
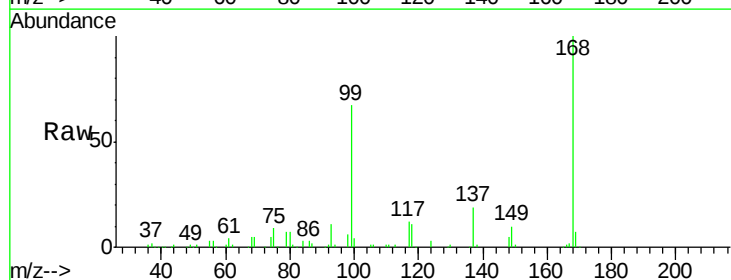
Instrument :
 MSVOA_N
 ClientSampled :
 VN0924MBL01

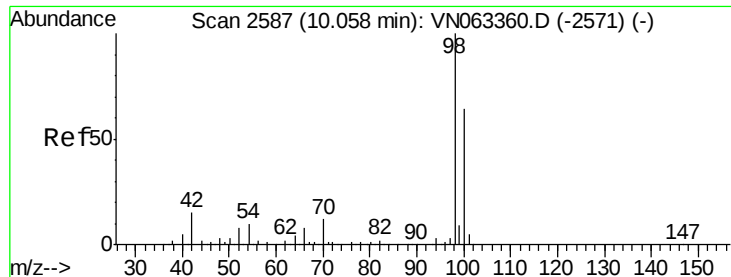
Tgt Ion: 75 Resp: 19851
 Ion Ratio Lower Upper
 75 100
 110 10.3 16.5 49.5#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 5.460 ug/l
 RT: 7.62 min Scan# 1829
 Delta R.T. -0.11 min
 Lab File: VN063620.D
 Acq: 24 Sep 2020 11:48

Tgt Ion: 117 Resp: 23493
 Ion Ratio Lower Upper
 117 100
 119 3.3 74.5 111.7#
 121 0.0 24.1 36.1#





#50

Toluene-d8

Concen: 48.830 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN063620.D

Acq: 24 Sep 2020 11:48

Instrument :

MSVOA_N

ClientSampleId :

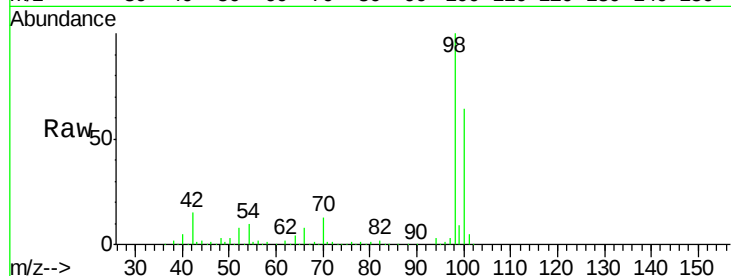
VN0924MBL01

Tgt Ion: 98 Resp: 502865

Ion Ratio Lower Upper

98 100

100 62.7 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN063360.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063360.D (-2571) (-)

10.06

300000

250000

200000

150000

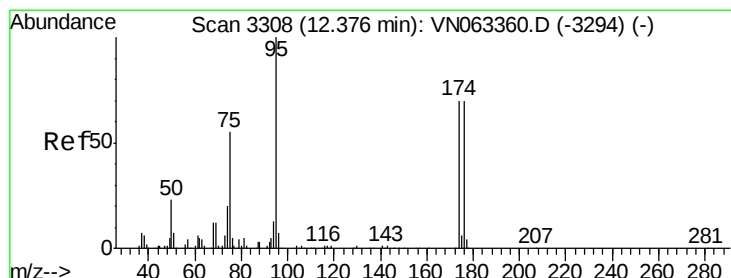
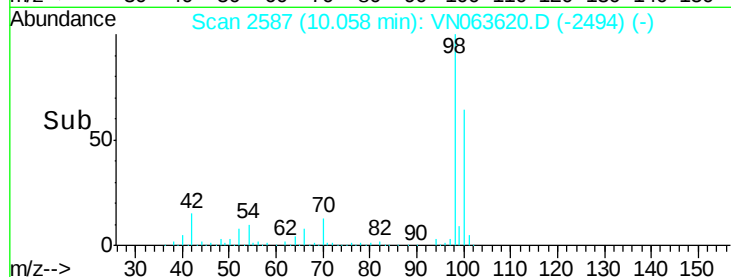
100000

50000

0

10.00 10.10

Time-->



#62

4-Bromofluorobenzene

Concen: 48.982 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063620.D

Acq: 24 Sep 2020 11:48

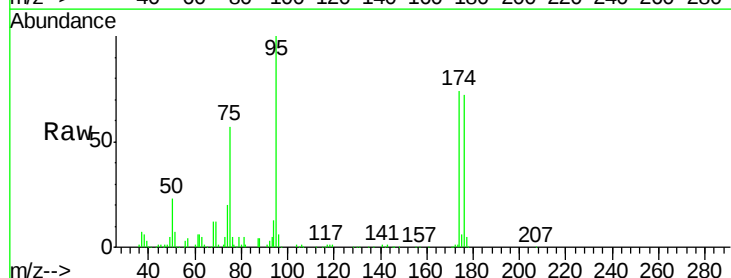
Tgt Ion: 95 Resp: 184916

Ion Ratio Lower Upper

95 100

174 74.0 0.0 140.8

176 71.8 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN063360.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN063360.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN063360.D (-3294) (-)

12.38

150000

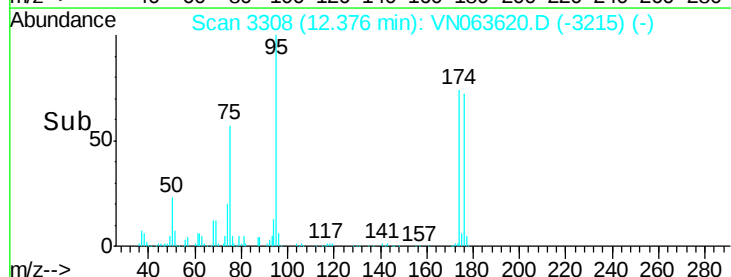
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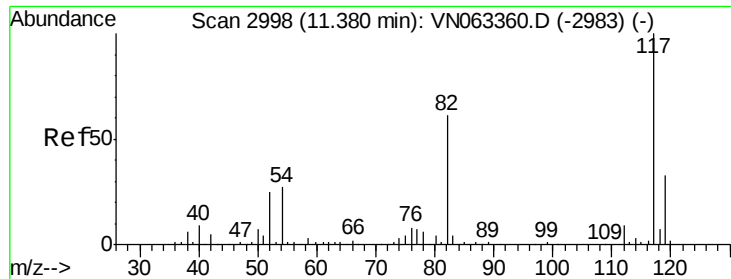
50000

0

12.30 12.40

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN063620.D

Acq: 24 Sep 2020 11:48

Instrument :

MSVOA_N

ClientSampled :

VN0924MBL01

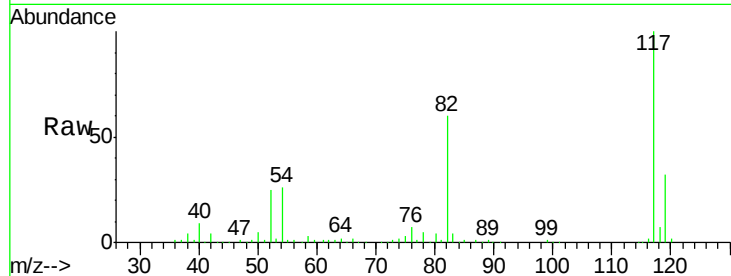
Tgt Ion:117 Resp: 385328

Ion Ratio Lower Upper

117 100

82 59.6 49.2 73.8

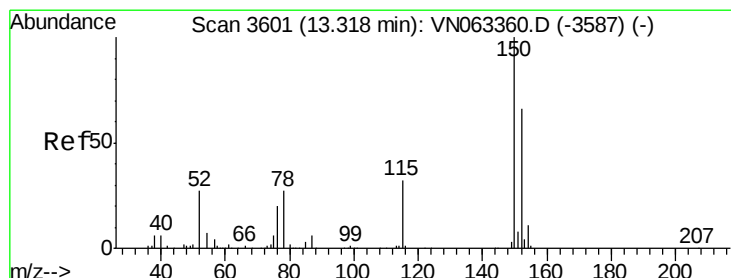
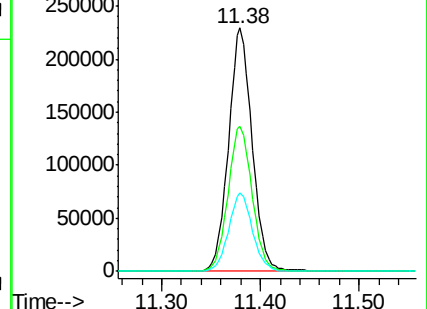
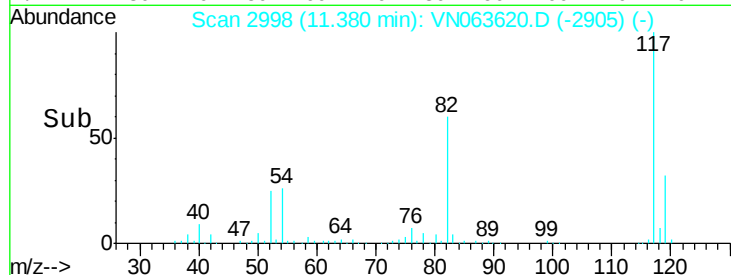
119 32.0 26.2 39.4



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063620.D

Acq: 24 Sep 2020 11:48

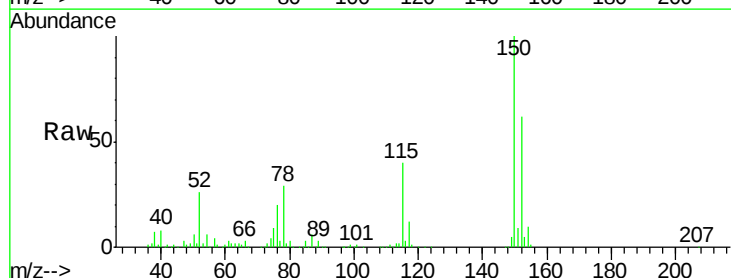
Tgt Ion:152 Resp: 154937

Ion Ratio Lower Upper

152 100

115 64.7 32.2 96.6

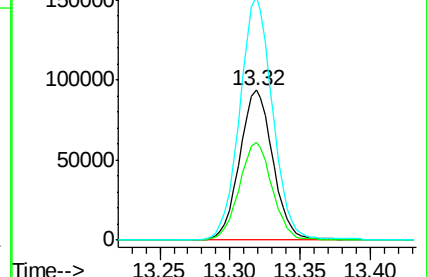
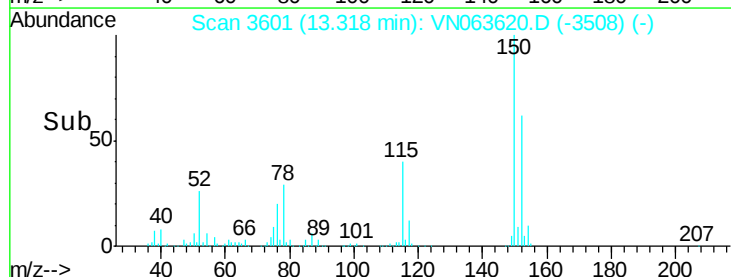
150 160.6 0.0 343.4

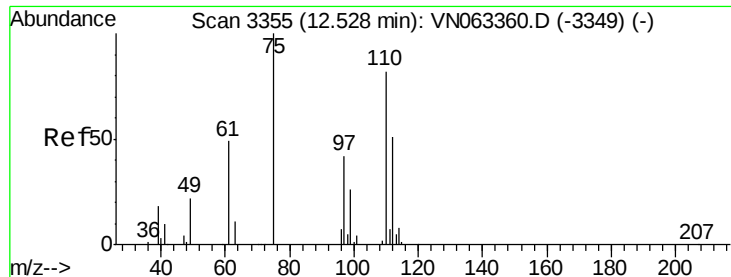


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 27.350 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063620.D

Acq: 24 Sep 2020 11:48

Instrument :

MSVOA_N

ClientSampleId :

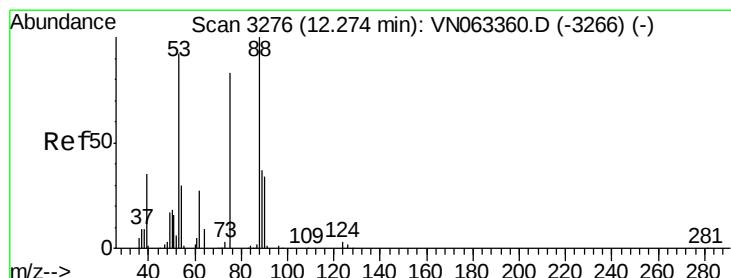
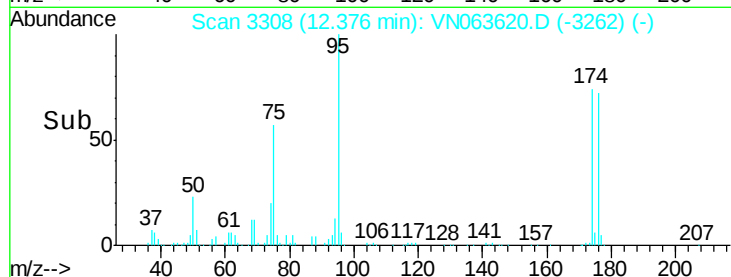
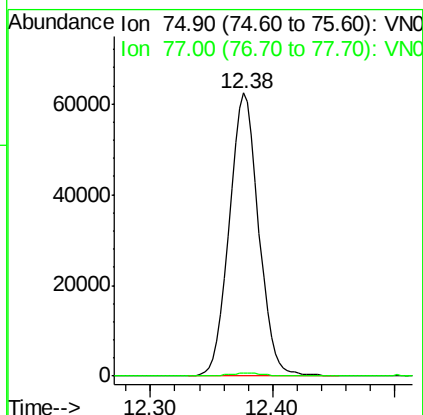
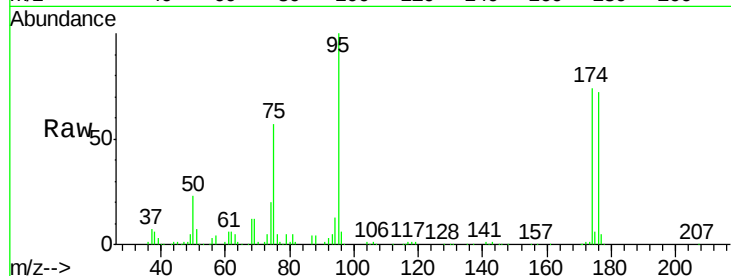
VN0924MBL01

Tgt Ion: 75 Resp: 104885

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 74.984 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063620.D

Acq: 24 Sep 2020 11:48

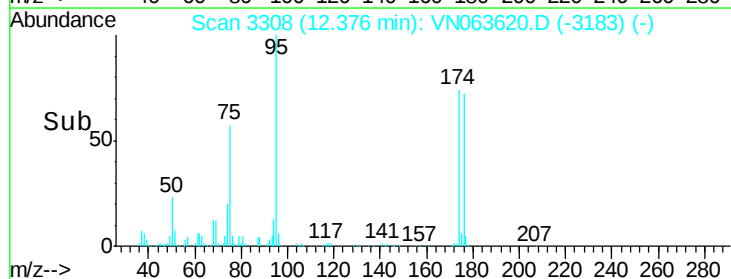
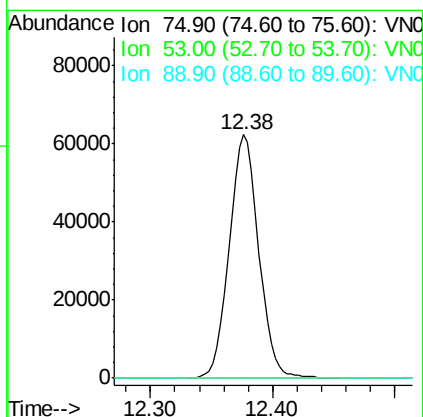
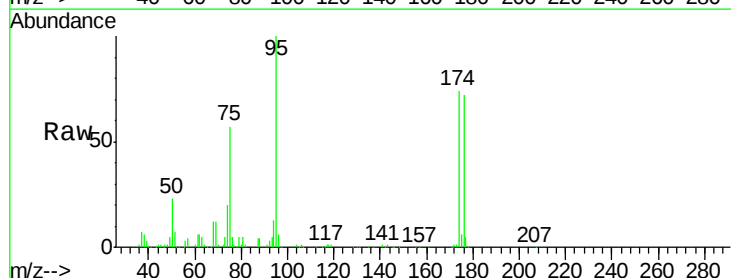
Tgt Ion: 75 Resp: 104885

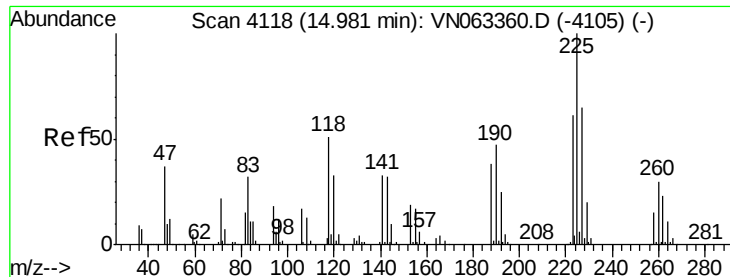
Ion Ratio Lower Upper

75 100

53 0.2 85.7 128.5#

89 0.0 38.0 57.0#





#94

Hexachlorobutadiene

Concen: 0.361 ug/l

RT: 14.98 min Scan# 4117

Delta R.T. -0.00 min

Lab File: VN063620.D

Acq: 24 Sep 2020 11:48

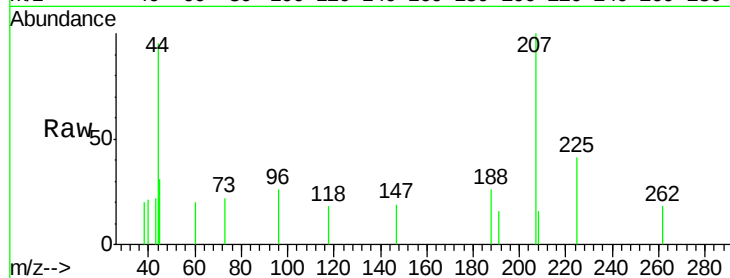
Instrument :

MSVOA_N

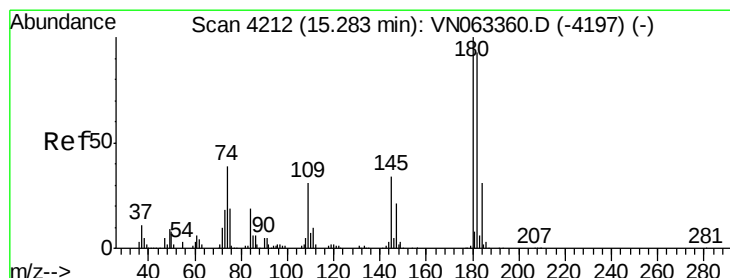
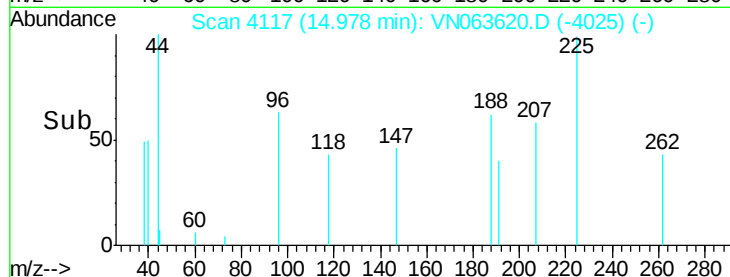
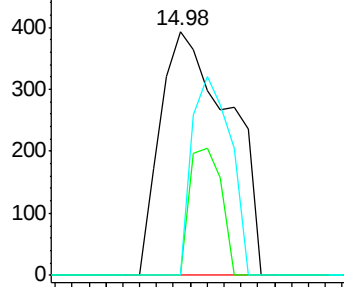
ClientSampled :

VN0924MBL01

Tgt Ion:	225	Resp:	448
Ion	Ratio	Lower	Upper
225	100		
223	24.1	30.6	91.6#
227	45.5	31.2	93.6



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



#96

1,2,3-Trichlorobenzene

Concen: 0.210 ug/l

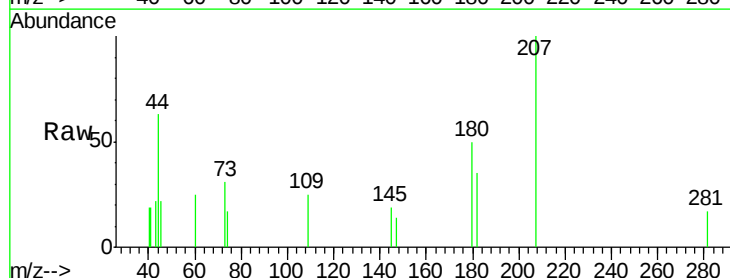
RT: 15.29 min Scan# 4214

Delta R.T. 0.01 min

Lab File: VN063620.D

Acq: 24 Sep 2020 11:48

Tgt Ion:	180	Resp:	608
Ion	Ratio	Lower	Upper
180	100		
182	113.3	46.7	140.1
145	18.1	16.8	50.3



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

