

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
 Data File : VN063648.D
 Acq On : 25 Sep 2020 00:14
 Operator : JC/MD
 Sample : VN0924WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBL02

Quant Time: Sep 25 05:36:12 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	7.63	168	203902	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	372218	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	380003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	160789	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	173948	50.12	ug/l	0.00
Spiked Amount			Recovery	=	100.24%	
35) Dibromofluoromethane	7.55	113	122993	47.73	ug/l	0.00
Spiked Amount			Recovery	=	95.46%	
50) Toluene-d8	10.06	98	476553	49.18	ug/l	0.00
Spiked Amount			Recovery	=	98.36%	
62) 4-Bromofluorobenzene	12.38	95	189123	53.25	ug/l	0.00
Spiked Amount			Recovery	=	106.50%	

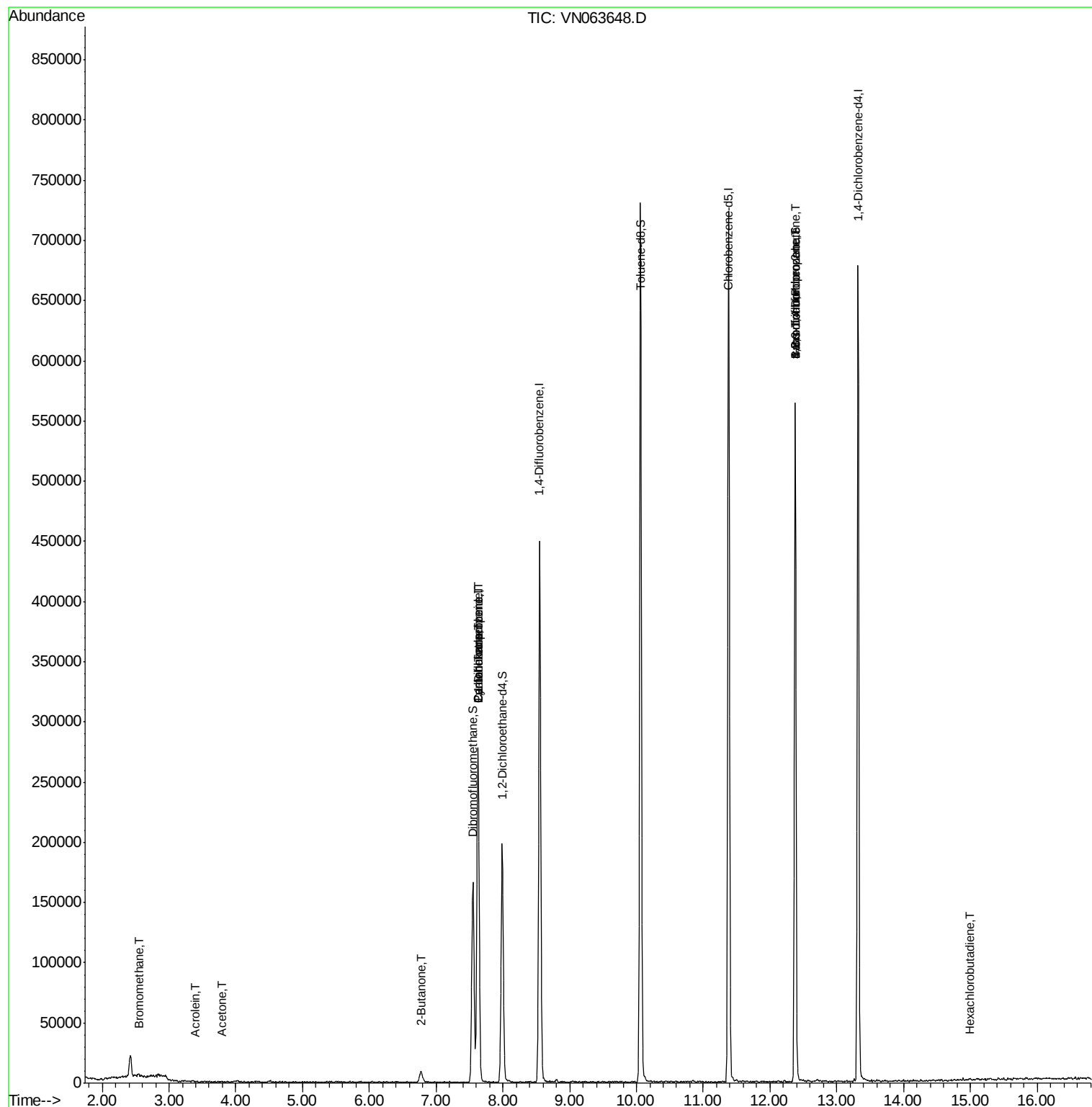
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.54	94	557	0.346	ug/l #	60
13) Acrolein	3.40	56	72	0.404	ug/l #	13
16) Acetone	3.78	43	386	0.346	ug/l #	47
25) 2-Butanone	6.78	43	518	0.302	ug/l #	51
31) Cyclohexane	7.63	56	6433	1.342	ug/l #	56
36) 1,1-Dichloropropene	7.63	75	18224	4.596	ug/l #	53
38) Carbon Tetrachloride	7.63	117	21938	5.420	ug/l #	19
71) Bromoform	12.38	173	941	0.427	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	106865	26.852	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	106865	73.618	ug/l #	7
94) Hexachlorobutadiene	14.99	225	294	0.228	ug/l #	40

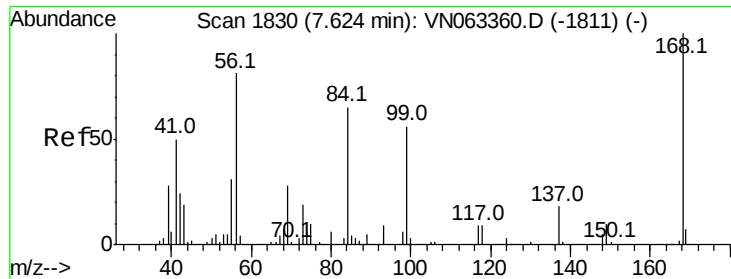
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092420\
Data File : VN063648.D
Acq On : 25 Sep 2020 00:14
Operator : JC/MD
Sample : VN0924WBL02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBL02

Quant Time: Sep 25 05:36:12 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: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063648.D

Acq: 25 Sep 2020 00:14

Instrument :

MSVOA_N

ClientSampleId :

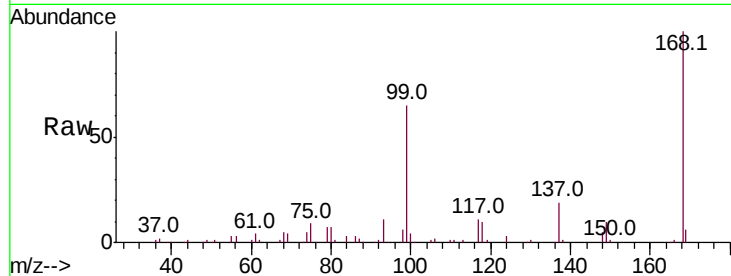
VN0924WBL02

Tot Ion:168 Resp: 203902

Ion Ratio Lower Upper

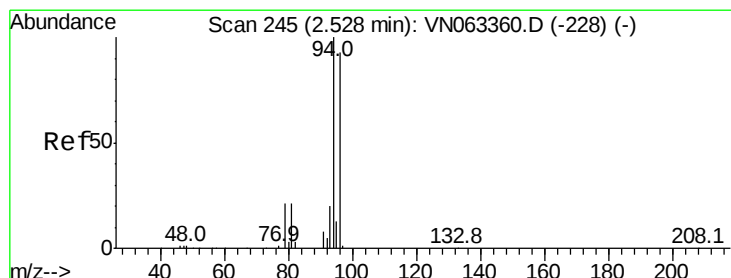
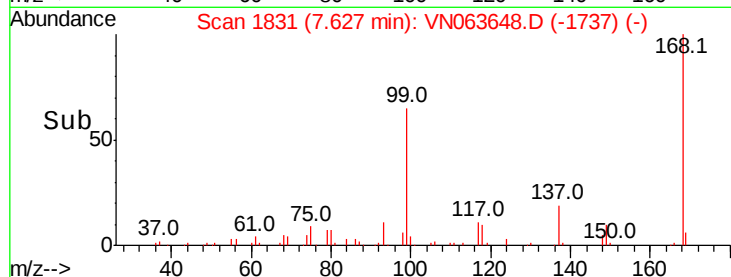
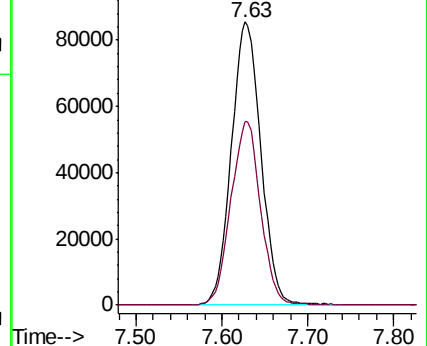
168 100

99 64.6 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: 0.346 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN063648.D

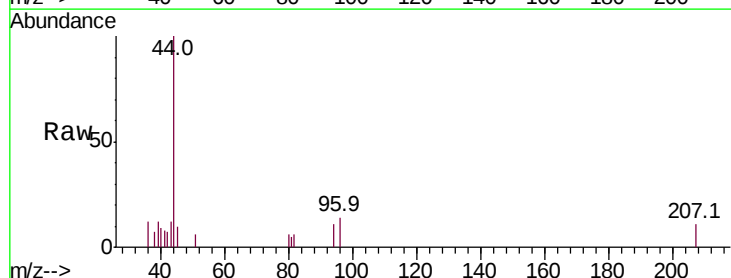
Acq: 25 Sep 2020 00:14

Tgt Ion: 94 Resp: 557

Ion Ratio Lower Upper

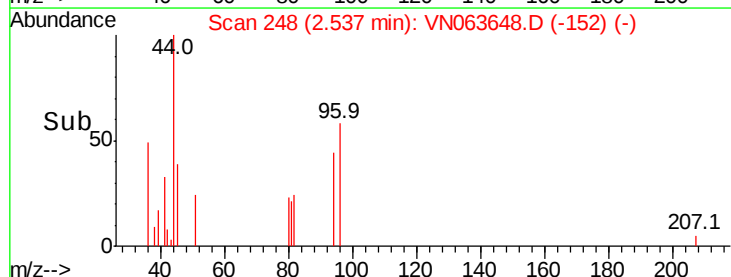
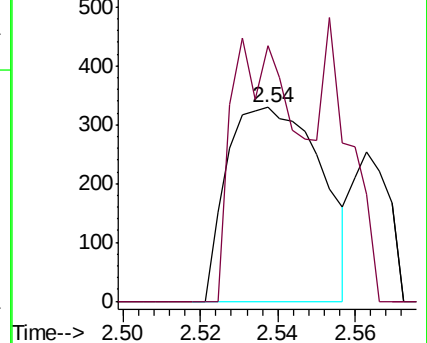
94 100

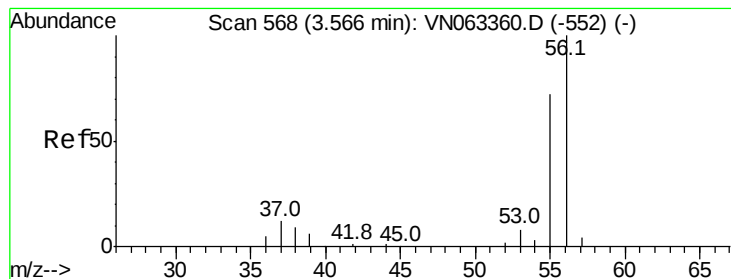
96 131.9 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0





#13

Acrolein

Concen: 0.404 ug/l

RT: 3.40 min Scan# 516

Delta R.T. -0.17 min

Lab File: VN063648.D

Acq: 25 Sep 2020 00:14

Instrument :

MSVOA_N

ClientSampleId :

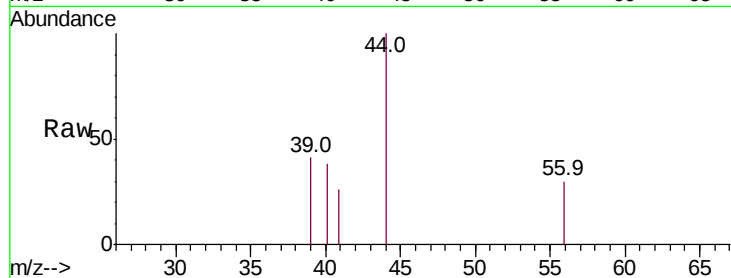
VN0924WBL02

Tot Ion: 56 Resp: 72

Ion Ratio Lower Upper

56 100

55 0.0 58.2 87.2#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.40

200

150

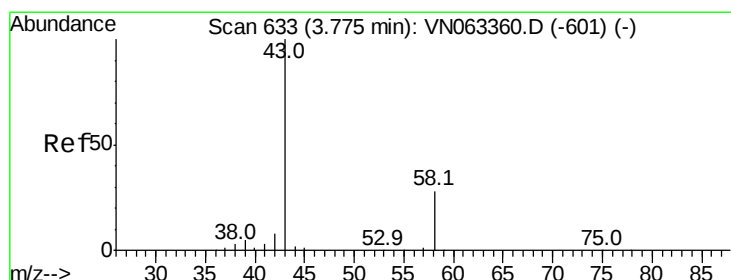
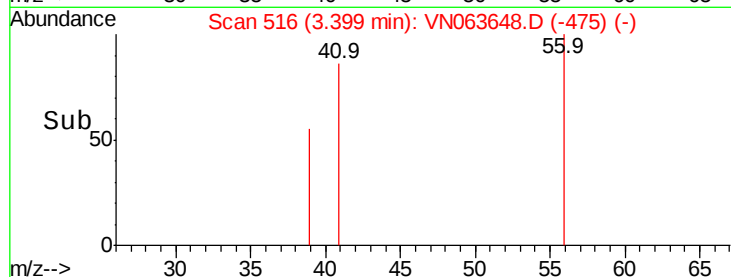
100

50

0

Time-->

3.39 3.40 3.41



#16

Acetone

Concen: 0.346 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN063648.D

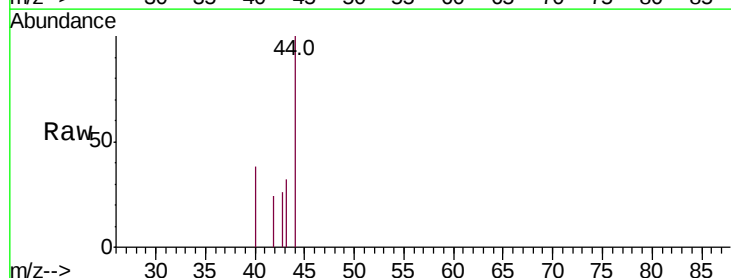
Acq: 25 Sep 2020 00:14

Tgt Ion: 43 Resp: 386

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

3.78

400

300

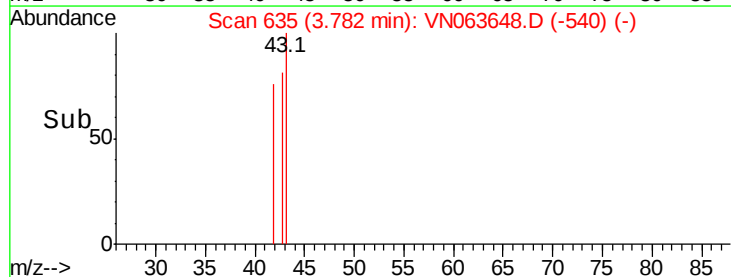
200

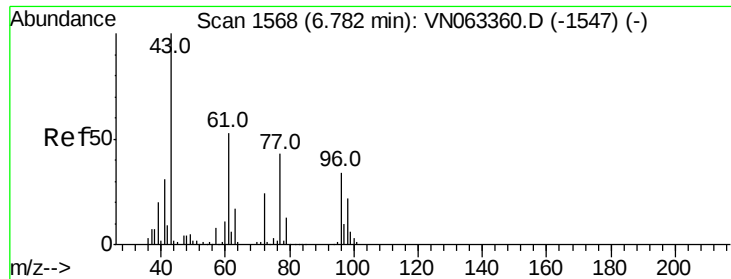
100

0

Time-->

3.76 3.78 3.80 3.82





#25

2-Butanone

Concen: 0.302 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VN063648.D

Acq: 25 Sep 2020 00:14

Instrument :

MSVOA_N

ClientSampleId :

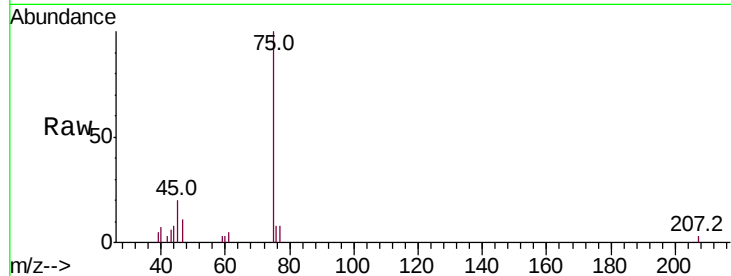
VN0924WBL02

Tot Ion: 43 Resp: 518

Ion Ratio Lower Upper

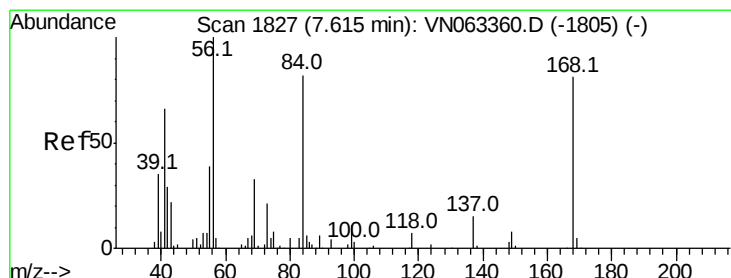
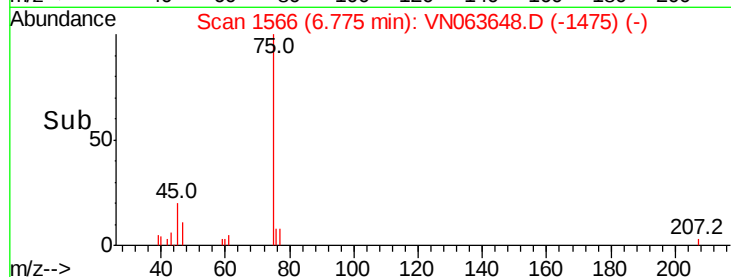
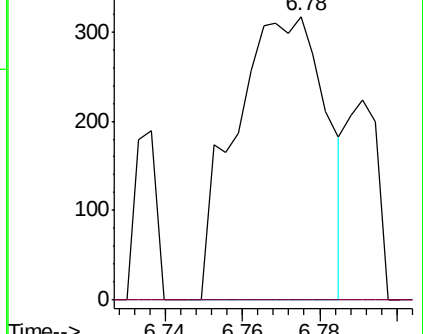
43 100

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: 1.342 ug/l

RT: 7.63 min Scan# 1832

Delta R.T. 0.02 min

Lab File: VN063648.D

Acq: 25 Sep 2020 00:14

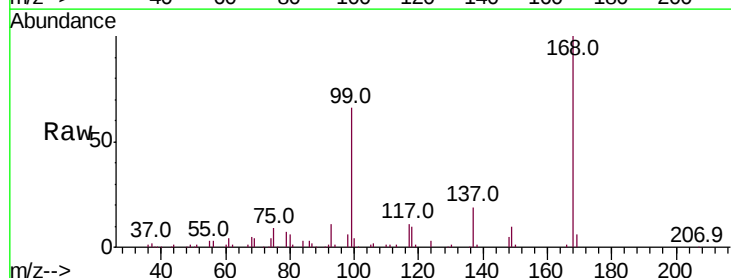
Tgt Ion: 56 Resp: 6433

Ion Ratio Lower Upper

56 100

69 117.6 26.1 39.1#

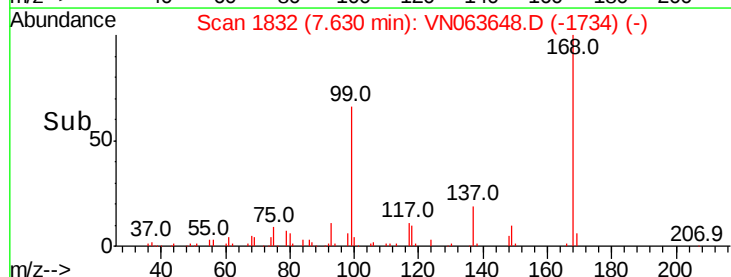
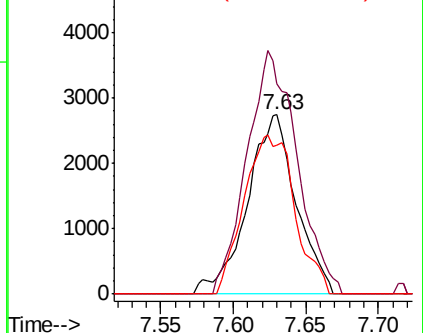
84 82.9 65.4 98.2

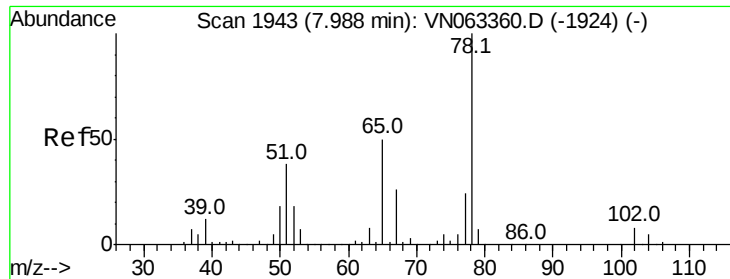


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

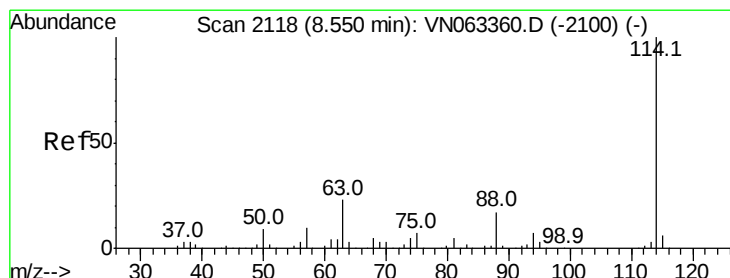
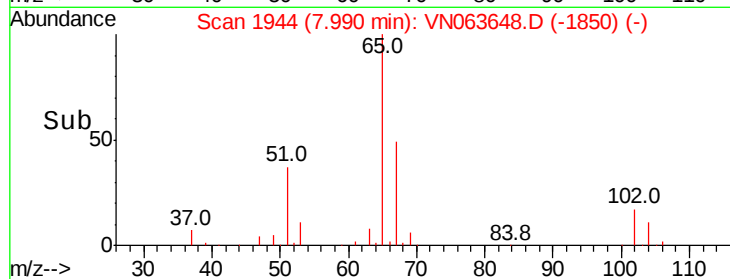
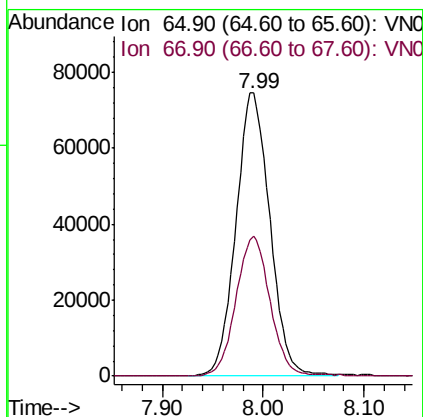
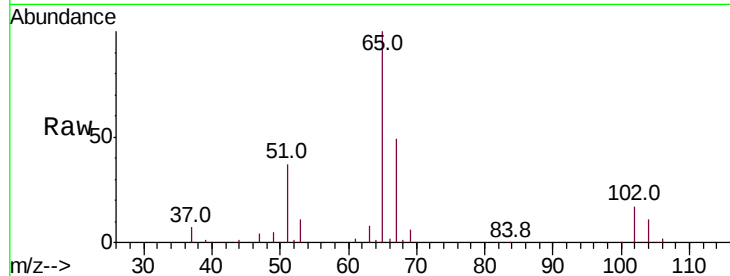




#33
 1,2-Dichloroethane-d4
 Concen: 50.115 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN063648.D
 Acq: 25 Sep 2020 00:14

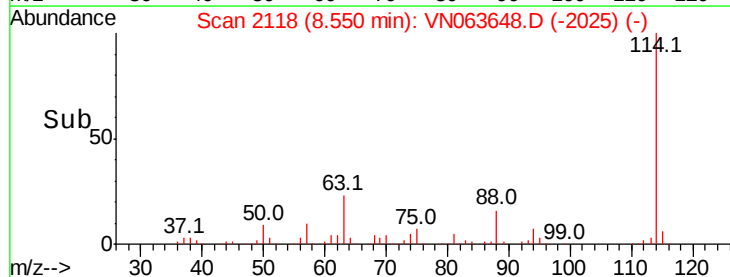
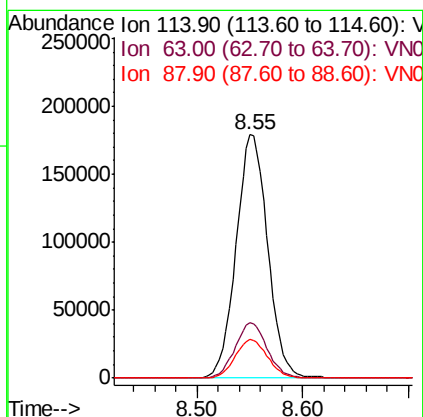
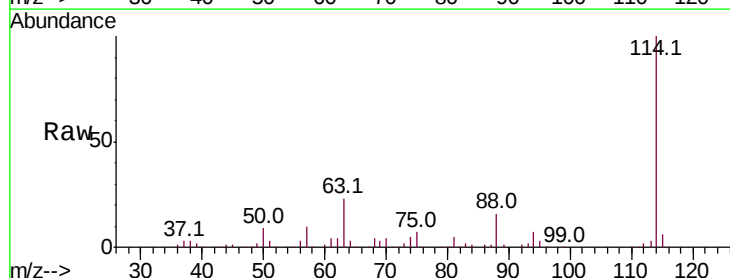
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBL02

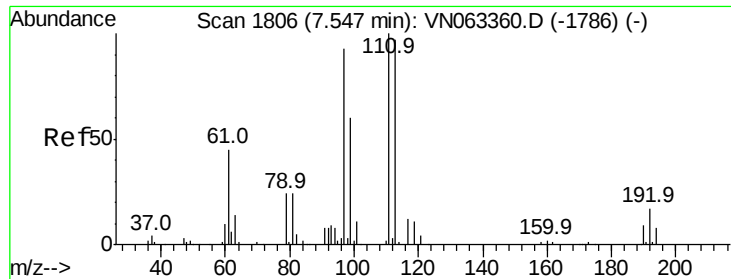
Tot Ion: 65 Resp: 173948
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063648.D
 Acq: 25 Sep 2020 00:14

Tgt Ion: 114 Resp: 372218
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 46.4
 88 15.7 0.0 33.2

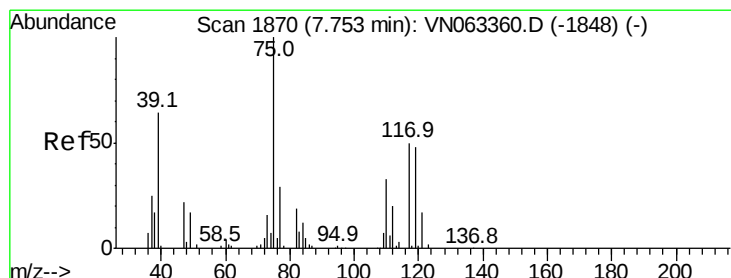
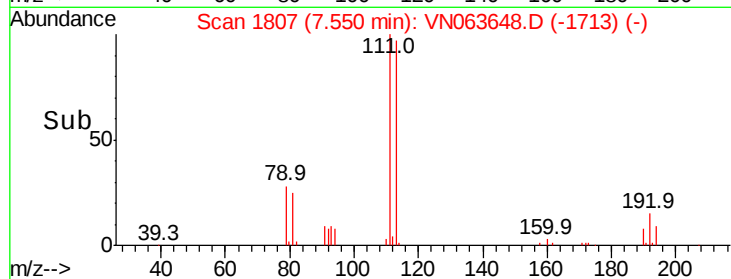
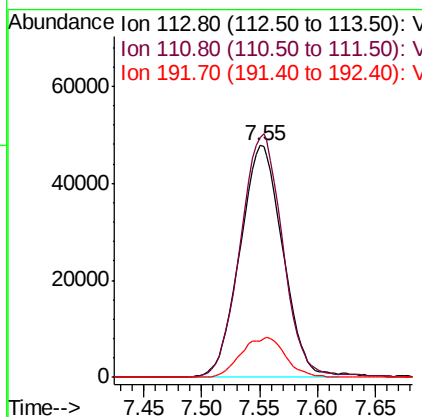
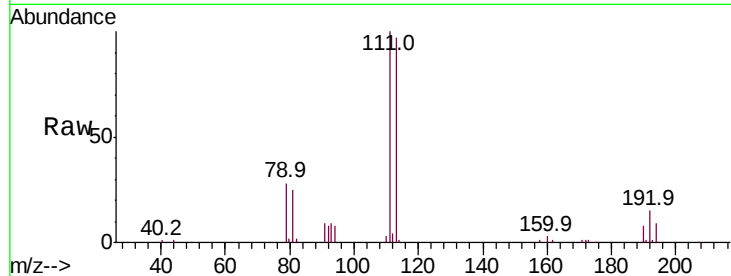




#35
 Dibromofluoromethane
 Concen: 47.731 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063648.D
 Acq: 25 Sep 2020 00:14

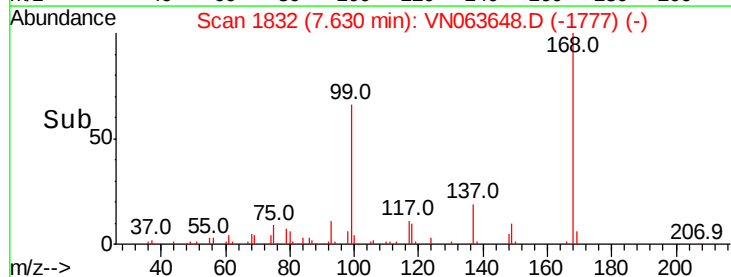
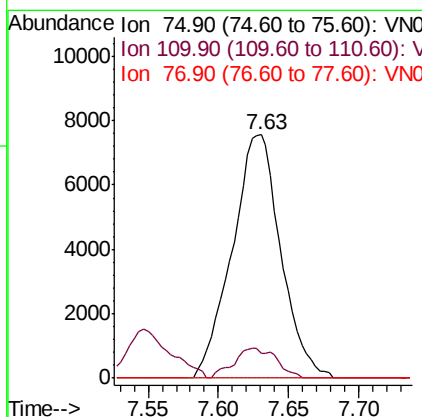
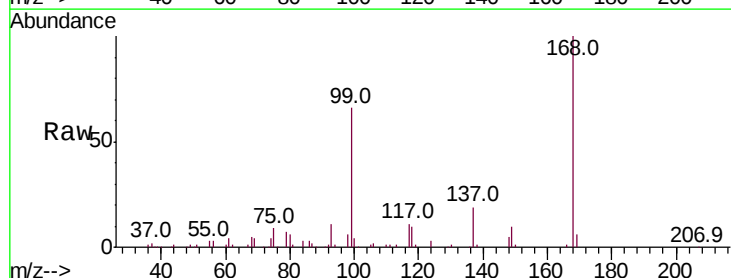
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBL02

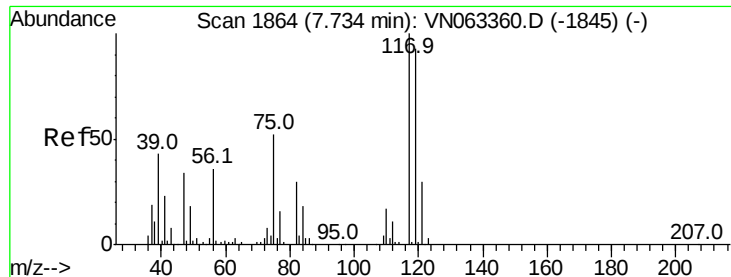
Tot Ion:113 Resp: 122993
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.9 124.3
 192 17.8 13.9 20.9



#36
 1,1-Dichloropropene
 Concen: 4.596 ug/l
 RT: 7.63 min Scan# 1832
 Delta R.T. -0.12 min
 Lab File: VN063648.D
 Acq: 25 Sep 2020 00:14

Tgt Ion: 75 Resp: 18224
 Ion Ratio Lower Upper
 75 100
 110 10.7 16.5 49.5#
 77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 5.420 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN063648.D

Acq: 25 Sep 2020 00:14

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBL02

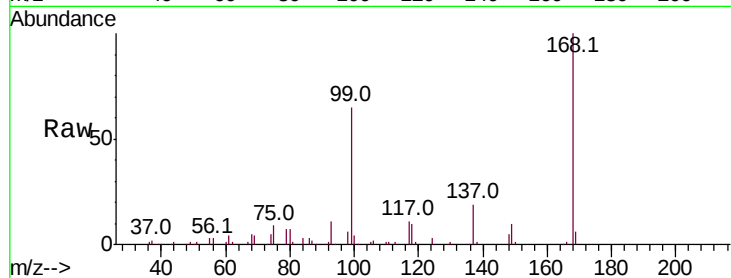
Tot Ion:117 Resp: 21938

Ion Ratio Lower Upper

117 100

119 7.2 74.5 111.7#

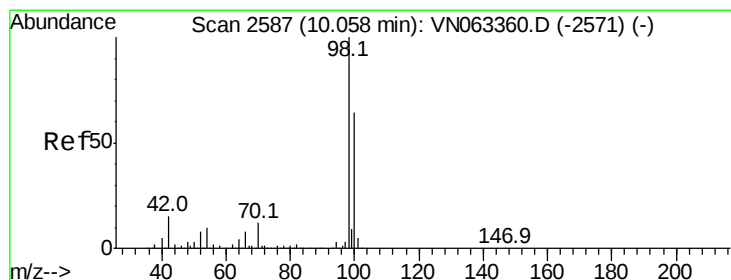
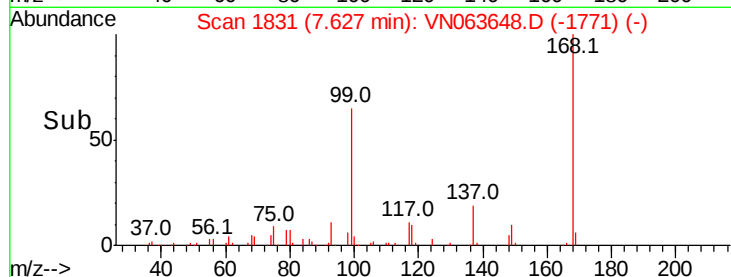
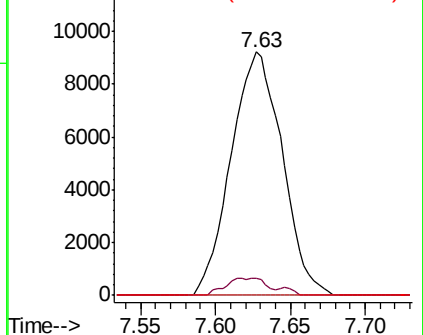
121 0.0 24.1 36.1#



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: 49.184 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063648.D

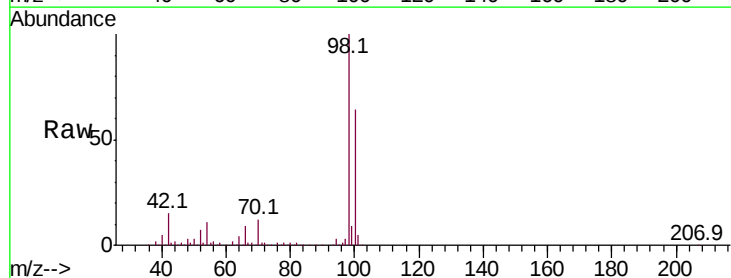
Acq: 25 Sep 2020 00:14

Tgt Ion: 98 Resp: 476553

Ion Ratio Lower Upper

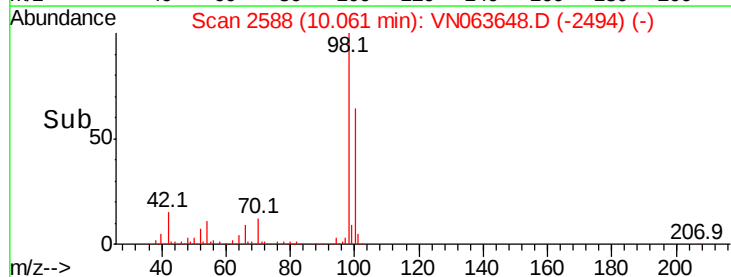
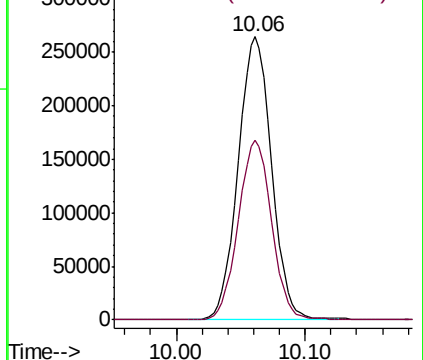
98 100

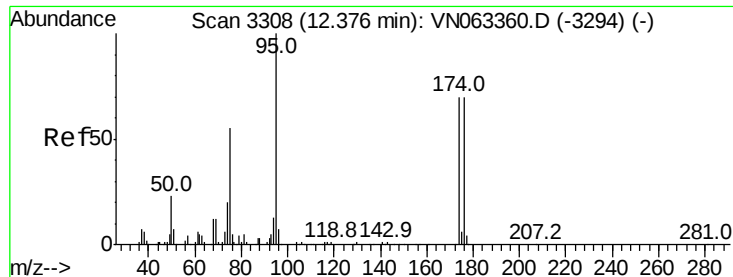
100 63.7 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

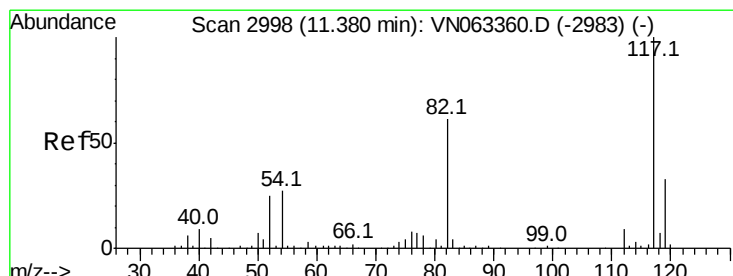
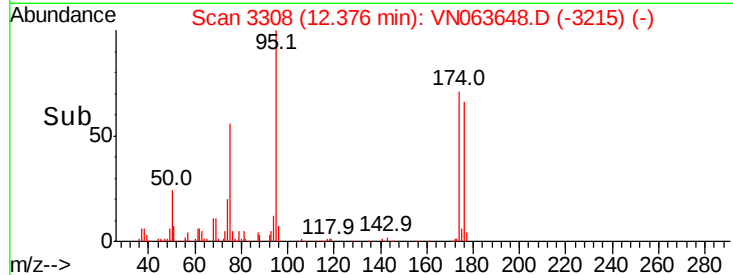
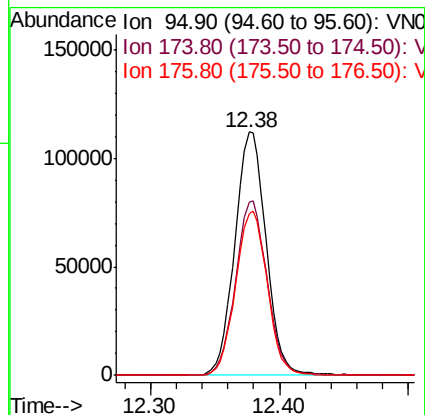
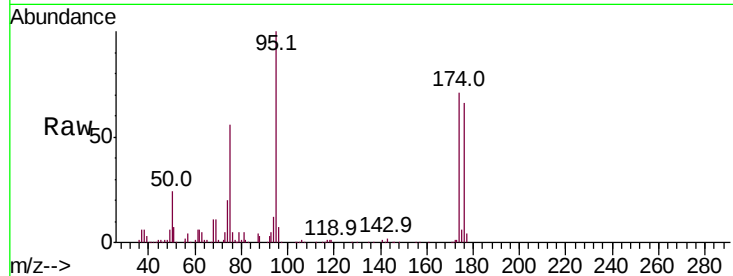




#62
4-Bromofluorobenzene
Concen: 53.246 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063648.D
Acq: 25 Sep 2020 00:14

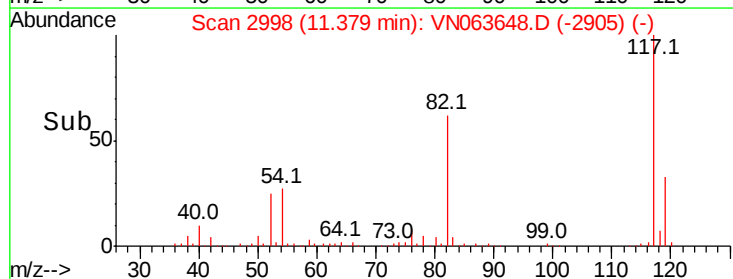
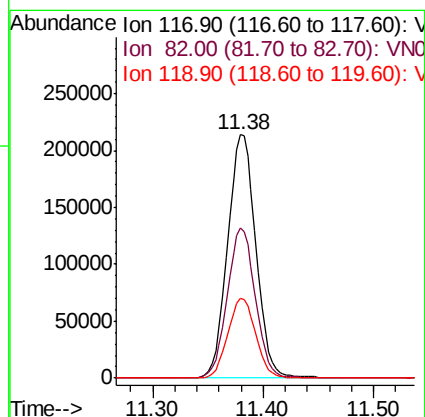
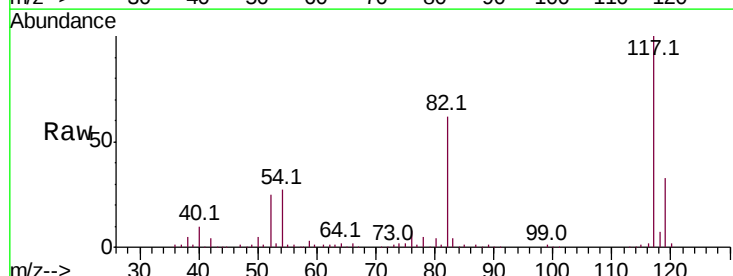
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBL02

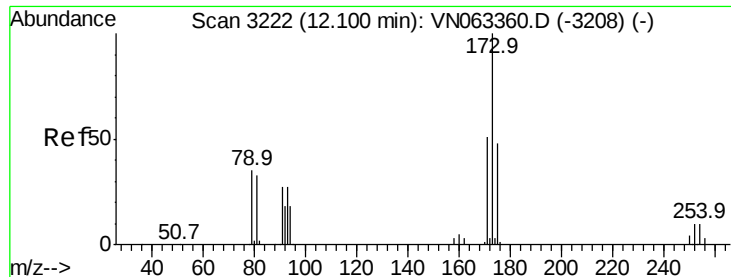
Tot Ion	95	174	176
Resp: 189123	100	72.2	68.4
Lower		0.0	0.0
Upper		140.8	137.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063648.D
Acq: 25 Sep 2020 00:14

Tgt Ion	117	82	119
Resp: 380003	100	61.5	32.5
Lower		49.2	26.2
Upper		73.8	39.4





#71

Bromoform

Concen: 0.427 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. 0.28 min

Lab File: VN063648.D

Acq: 25 Sep 2020 00:14

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBL02

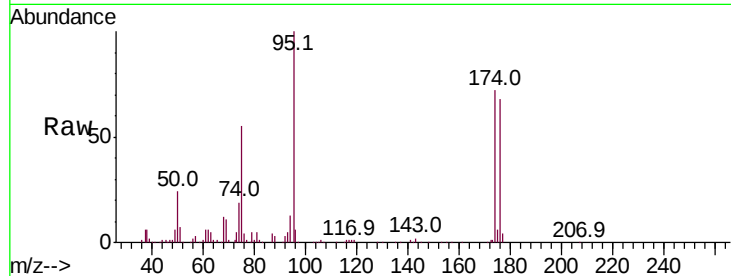
Tot Ion:173 Resp: 941

Ion Ratio Lower Upper

173 100

175 905.8 24.0 72.0#

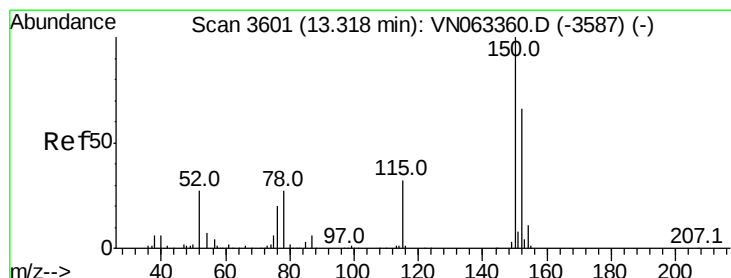
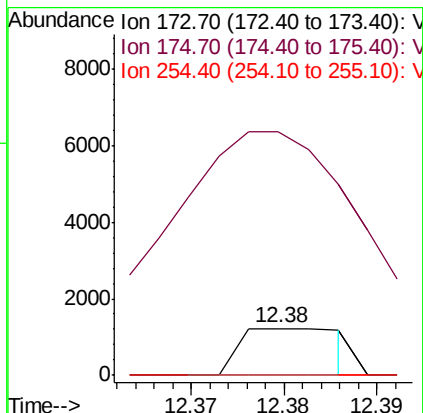
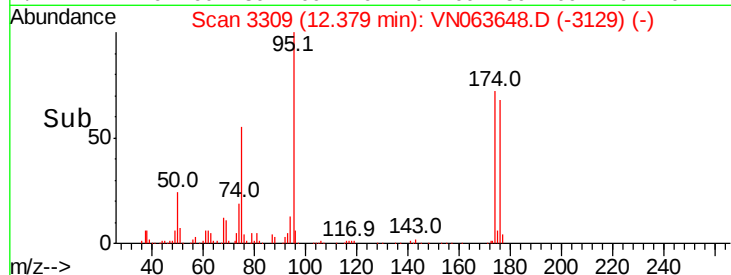
254 0.0 0.0 0.0



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: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063648.D

Acq: 25 Sep 2020 00:14

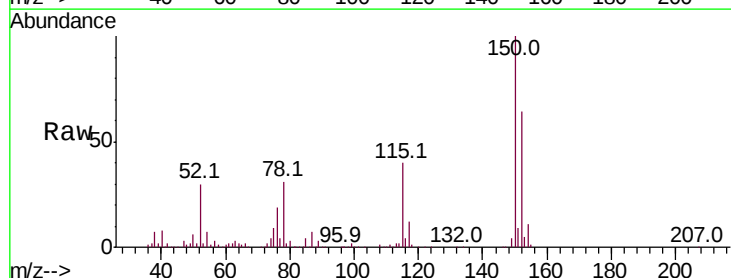
Tgt Ion:152 Resp: 160789

Ion Ratio Lower Upper

152 100

115 62.7 32.2 96.6

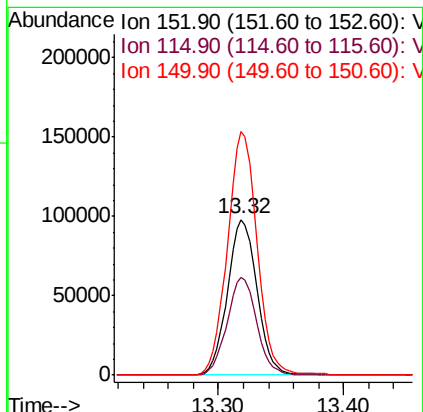
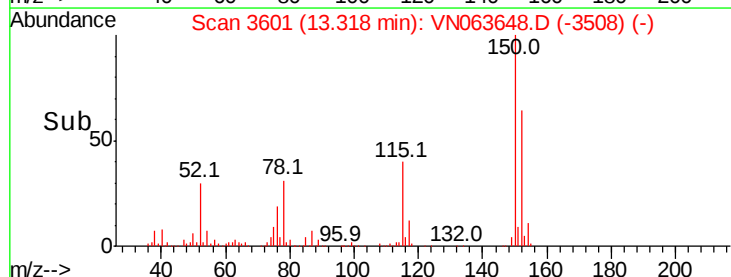
150 155.5 0.0 343.4

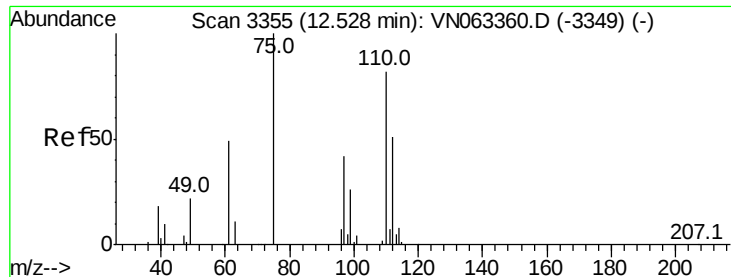


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 26.852 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063648.D

Acq: 25 Sep 2020 00:14

Instrument :

MSVOA_N

ClientSampled :

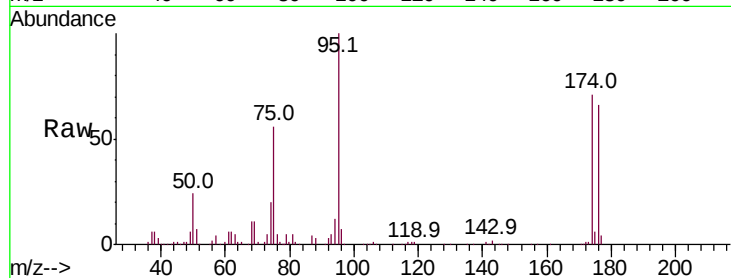
VN0924WBL02

Tot Ion: 75 Resp: 106865

Ion Ratio Lower Upper

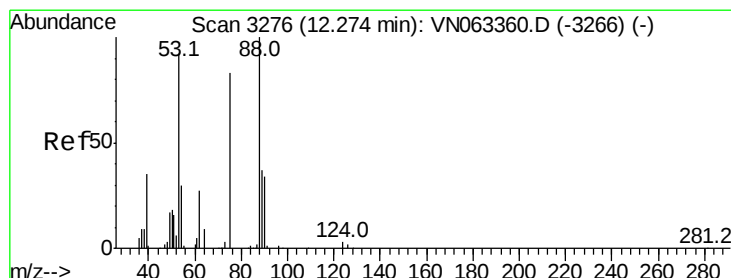
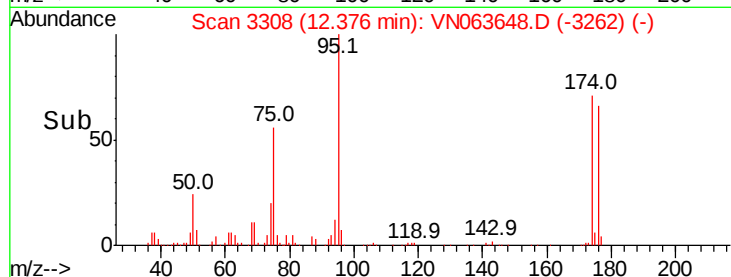
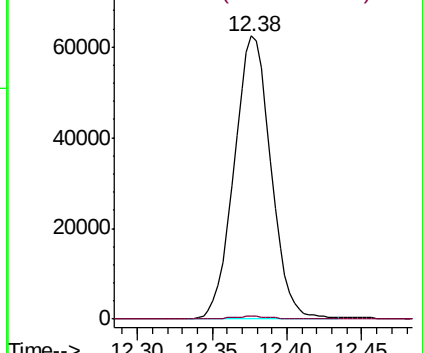
75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 73.618 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063648.D

Acq: 25 Sep 2020 00:14

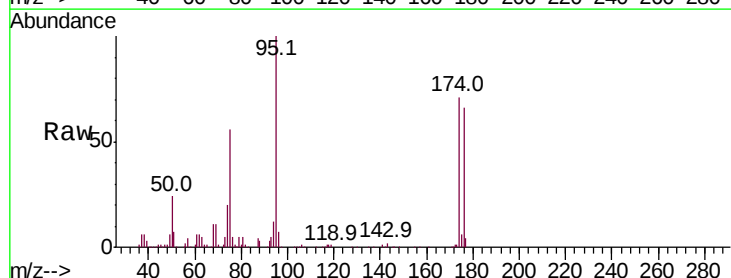
Tgt Ion: 75 Resp: 106865

Ion Ratio Lower Upper

75 100

53 0.0 85.7 128.5#

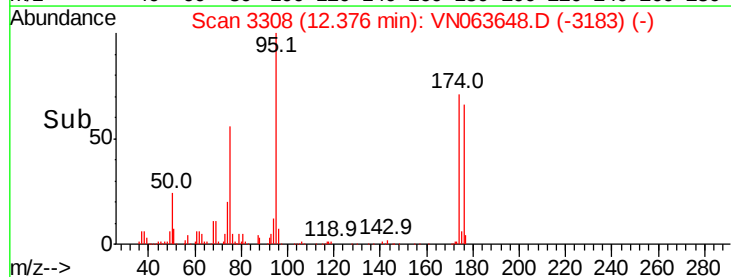
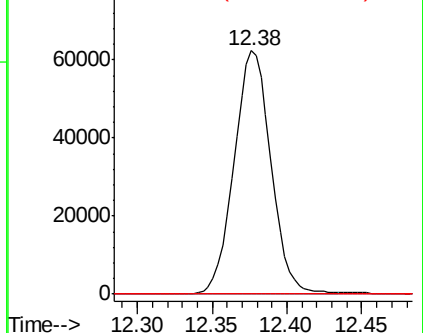
89 0.0 38.0 57.0#

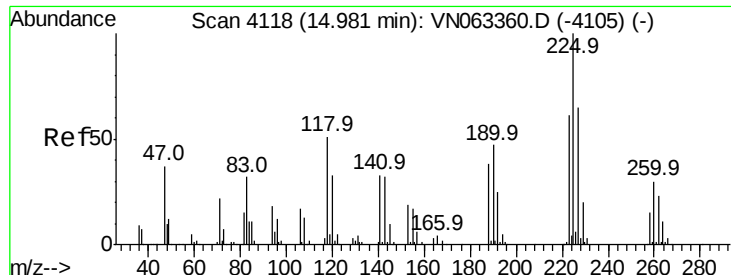


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#94
 Hexachlorobutadiene
 Concen: 0.228 ug/l
 RT: 14.99 min Scan# 4121
 Delta R.T. 0.01 min
 Lab File: VN063648.D
 Acq: 25 Sep 2020 00:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBL02

Tot Ion: 225 Resp: 294
 Ion Ratio Lower Upper
 225 100
 223 0.0 30.6 91.6#
 227 31.6 31.2 93.6

