

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
 Data File : VN063664.D
 Acq On : 25 Sep 2020 6:37
 Operator : JC/MD
 Sample : L4119-12 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP05-20200921

Quant Time: Sep 25 07:33:30 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	197531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	382255	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	381882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	159766	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	175013	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery =	104.10%		
35) Dibromofluoromethane	7.55	113	125980	47.61	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.22%		
50) Toluene-d8	10.06	98	491883	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.86%		
62) 4-Bromofluorobenzene	12.38	95	188462	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.34%		

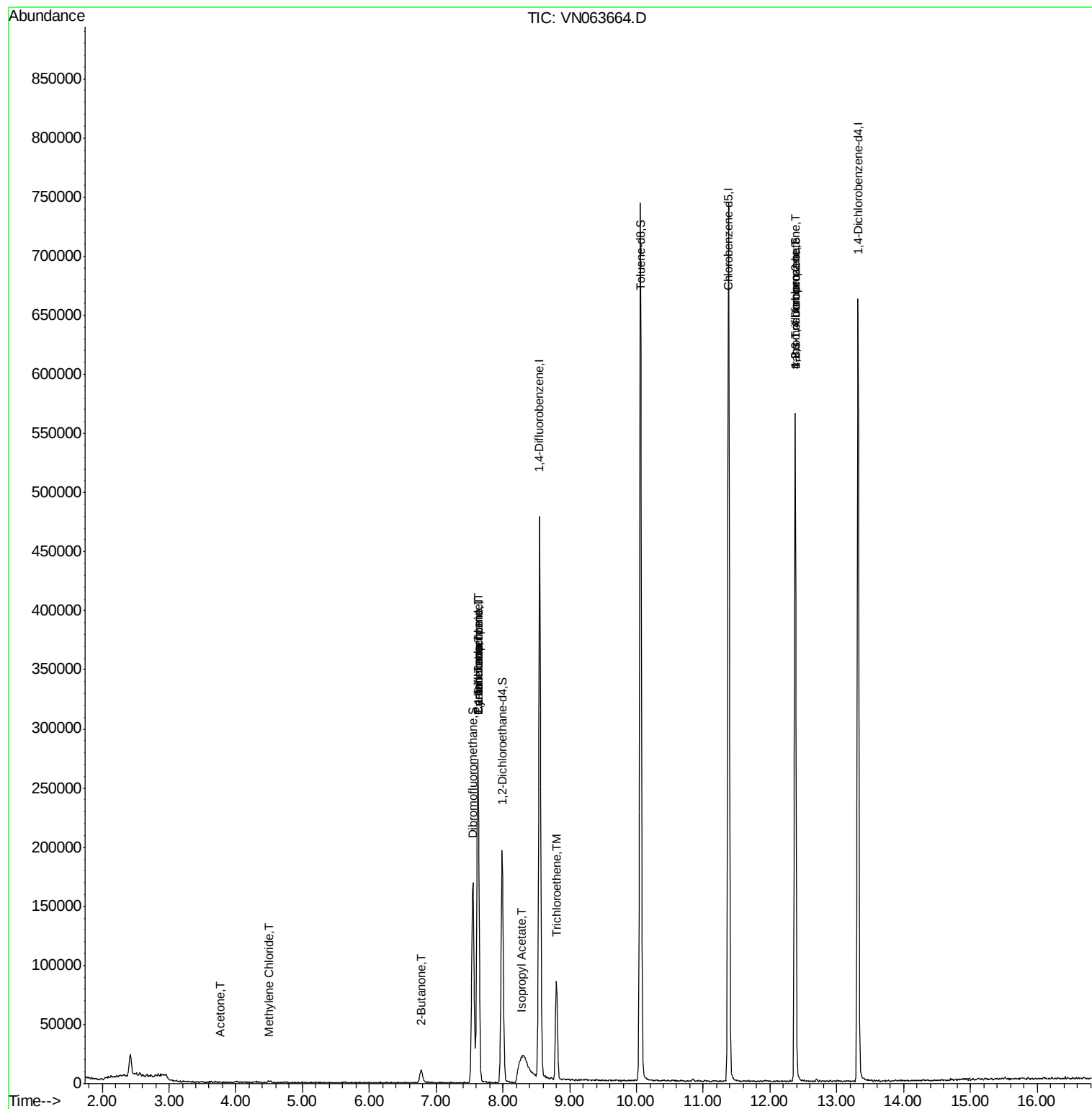
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.77	43	376	0.348	ug/l #	47
20) Methylene Chloride	4.49	84	618	0.226	ug/l #	64
25) 2-Butanone	6.78	43	526	0.316	ug/l #	51
31) Cyclohexane	7.63	56	5909	1.272	ug/l #	15
36) 1,1-Dichloropropene	7.62	75	19186	4.711	ug/l #	51
38) Carbon Tetrachloride	7.63	117	23503	5.654	ug/l #	18
43) Isopropyl Acetate	8.27	43	21055	2.946	ug/l #	64
44) Trichloroethene	8.80	130	27167	9.635	ug/l	99
76) 1,2,3-Trichloropropane	12.38	75	106249	26.868	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	106249	73.663	ug/l #	7

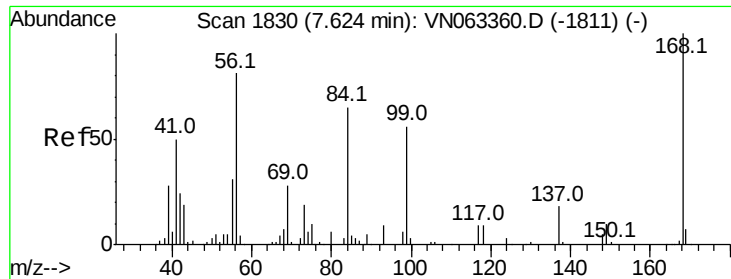
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092420\
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Quant Time: Sep 25 07:33:30 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: VN063664.D

Acq: 25 Sep 2020 6:37

Instrument :

MSVOA_N

ClientSampleId :

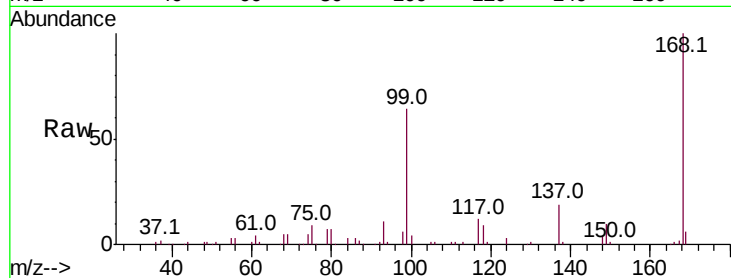
DUP05-20200921

Tot Ion:168 Resp: 197531

Ion Ratio Lower Upper

168 100

99 63.7 53.0 79.6

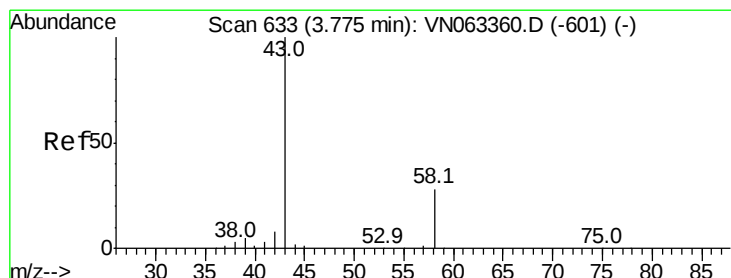
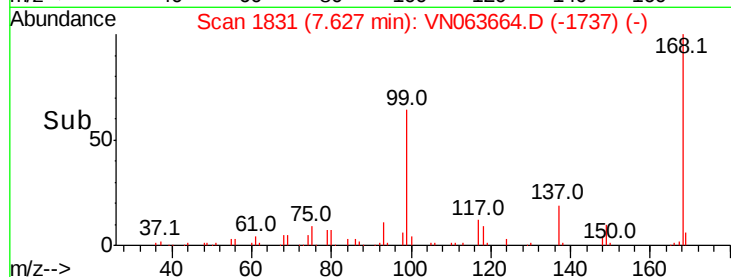


Abundance Ion 167.90 (167.60 to 168.60): VN063360.D (-1811) (-)

Ion 98.90 (98.60 to 99.60): VN063360.D (-1811) (-)

7.63

Time-->



#16

Acetone

Concen: 0.348 ug/l

RT: 3.77 min Scan# 631

Delta R.T. -0.01 min

Lab File: VN063664.D

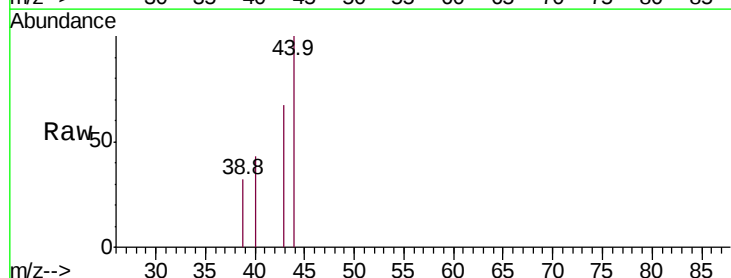
Acq: 25 Sep 2020 6:37

Tgt Ion: 43 Resp: 376

Ion Ratio Lower Upper

43 100

58 0.0 22.3 33.5#

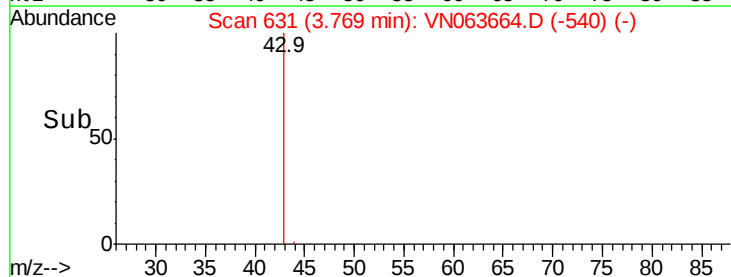


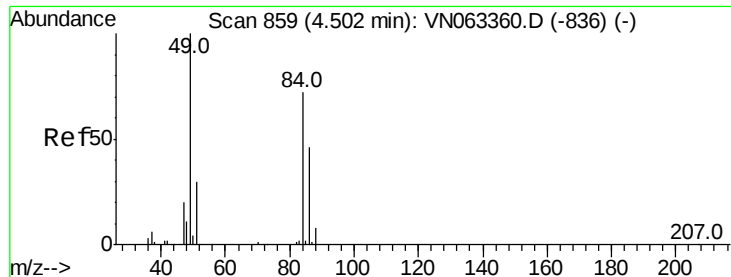
Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN063360.D (-601) (-)

3.77

Time-->





#20

Methvlene Chloride

Concen: 0.226 ug/l

RT: 4.49 min Scan# 855

Delta R.T. -0.01 min

Lab File: VN063664.D

Acq: 25 Sep 2020 6:37

Instrument :

MSVOA_N

ClientSampleId :

DUP05-20200921

Tot Ion: 84 Resp: 618

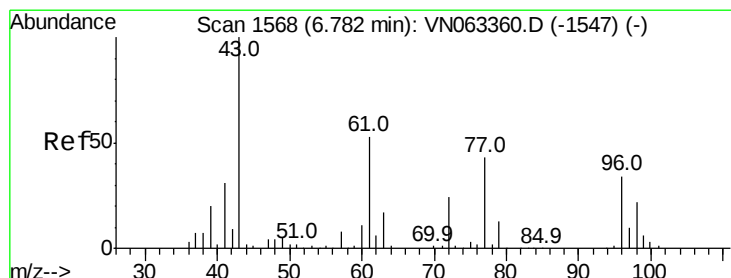
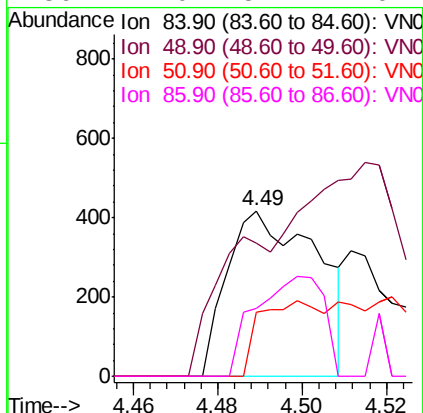
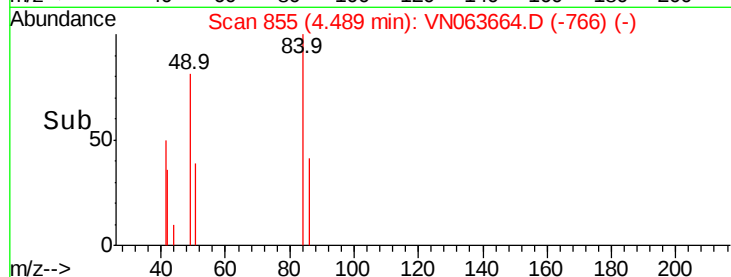
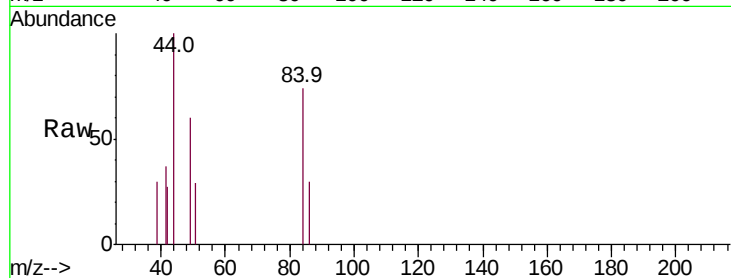
Ion Ratio Lower Upper

84 100

49 80.6 110.7 166.1#

51 38.6 32.9 49.3

86 41.0 51.1 76.7#



#25

2-Butanone

Concen: 0.316 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VN063664.D

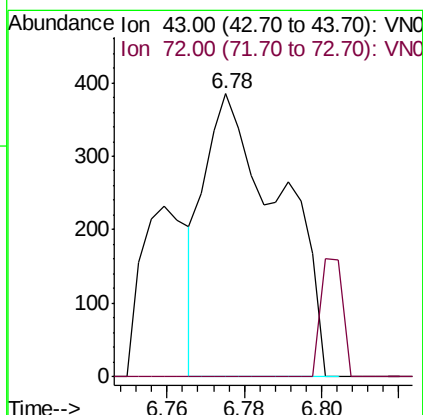
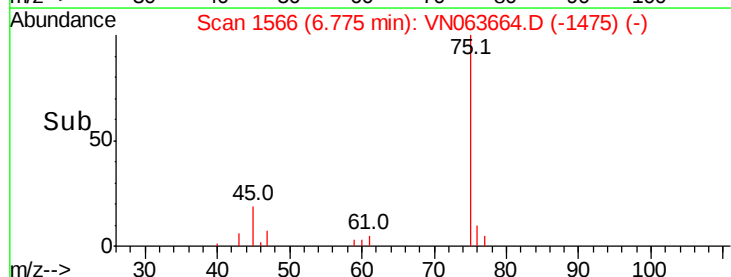
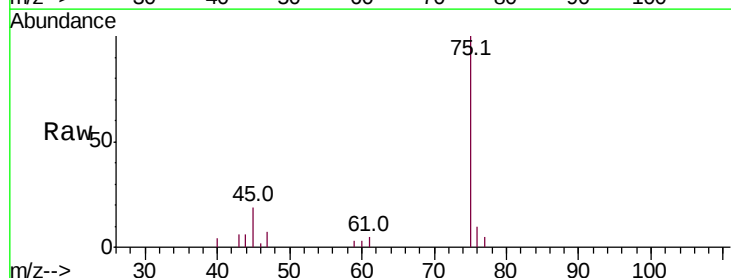
Acq: 25 Sep 2020 6:37

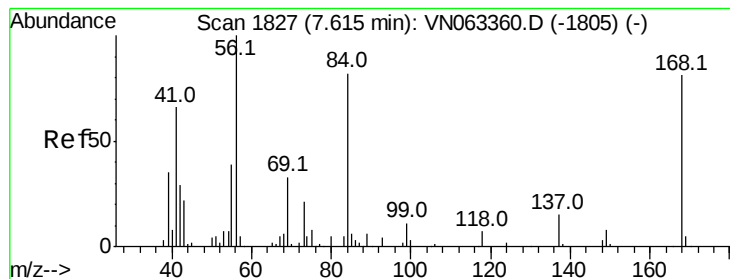
Tgt Ion: 43 Resp: 526

Ion Ratio Lower Upper

43 100

72 0.0 19.2 28.8#





#31

Cyclohexane

Concen: 1.272 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN063664.D

Acq: 25 Sep 2020 6:37

Instrument :

MSVOA_N

ClientSampleId :

DUP05-20200921

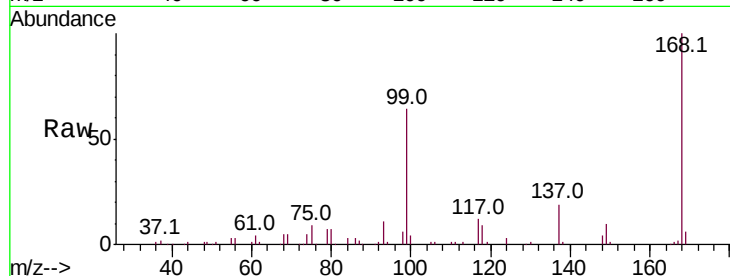
Tot Ion: 56 Resp: 5909

Ion Ratio Lower Upper

56 100

69 154.3 26.1 39.1#

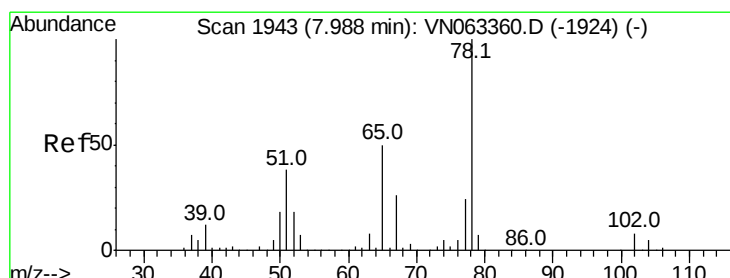
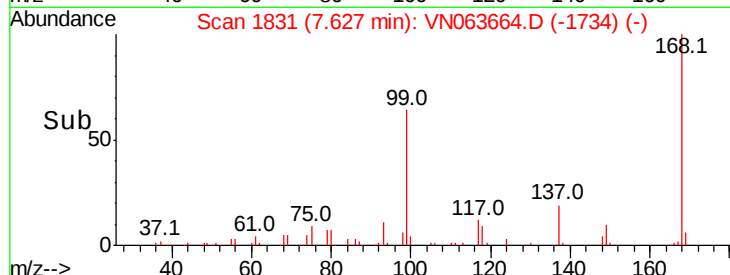
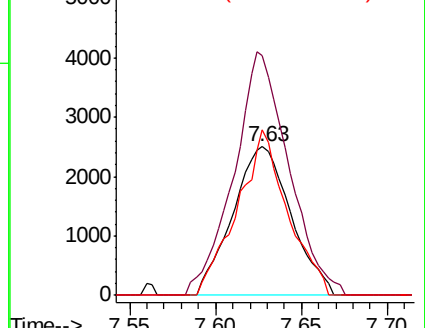
84 111.4 65.4 98.2#



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: 52.048 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063664.D

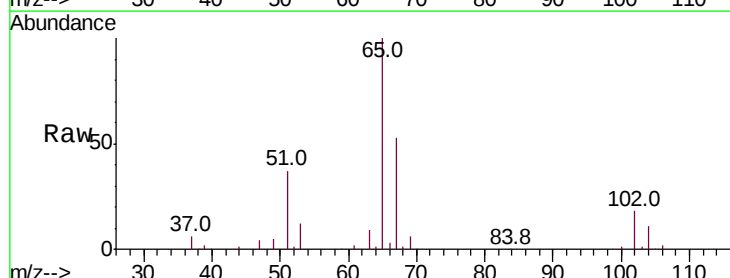
Acq: 25 Sep 2020 6:37

Tgt Ion: 65 Resp: 175013

Ion Ratio Lower Upper

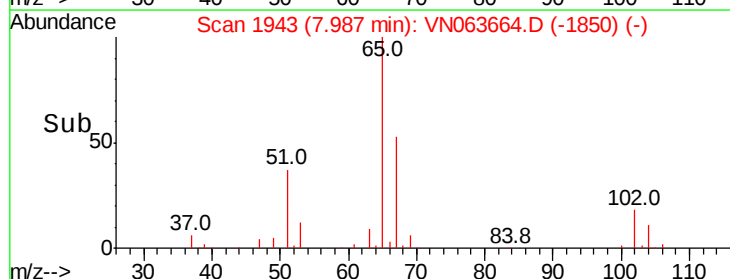
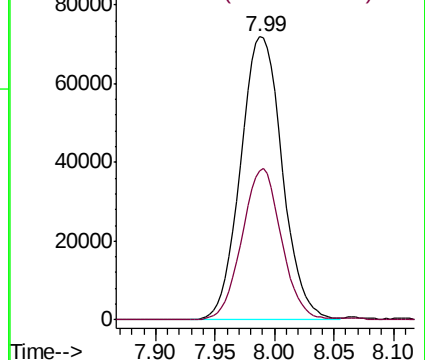
65 100

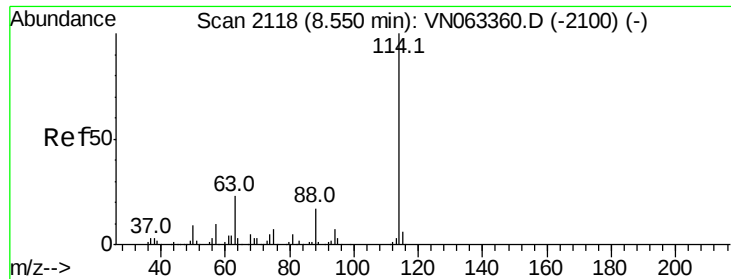
67 50.6 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

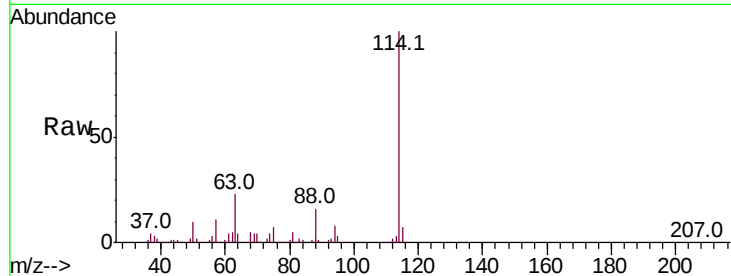




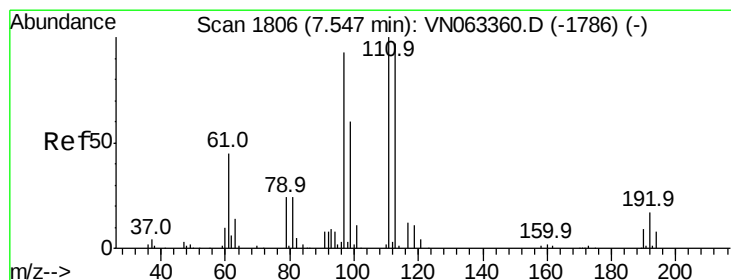
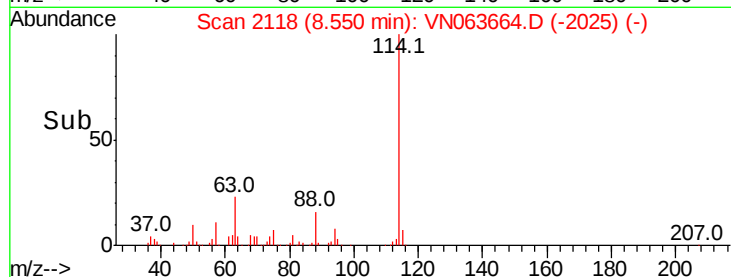
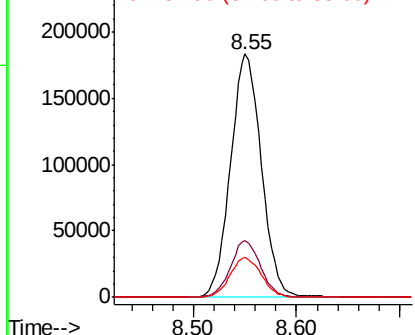
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063664.D
 Acq: 25 Sep 2020 6:37

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP05-20200921

Tot Ion:114	Resp:	382255
Ion Ratio	Lower	Upper
114 100		
63 23.3	0.0	46.4
88 16.3	0.0	33.2

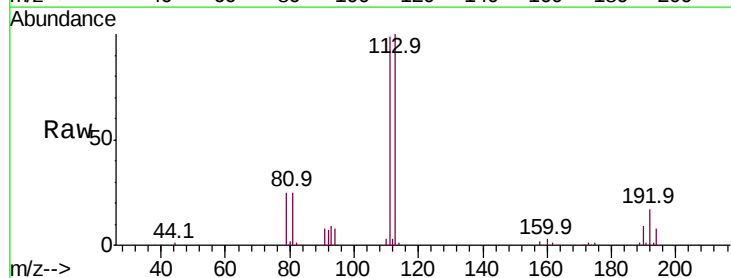


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

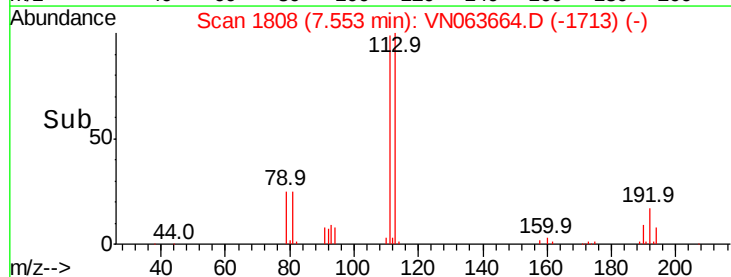
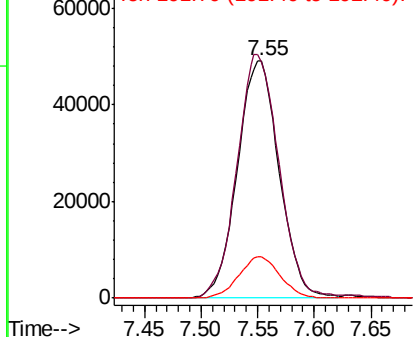


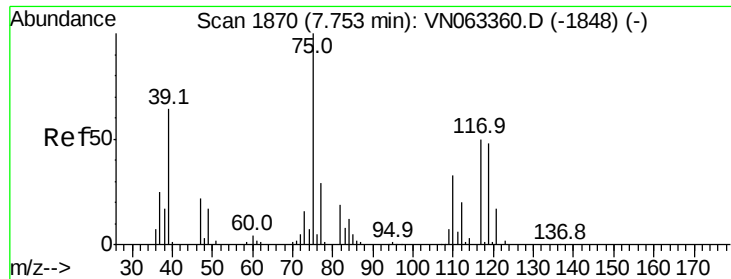
#35
 Dibromofluoromethane
 Concen: 47.607 ug/l
 RT: 7.55 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VN063664.D
 Acq: 25 Sep 2020 6:37

Tgt Ion:113	Resp:	125980
Ion Ratio	Lower	Upper
113 100		
111 103.2	82.9	124.3
192 17.2	13.9	20.9



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: 4.711 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.13 min

Lab File: VN063664.D

Acq: 25 Sep 2020 6:37

Instrument :

MSVOA_N

ClientSampleId :

DUP05-20200921

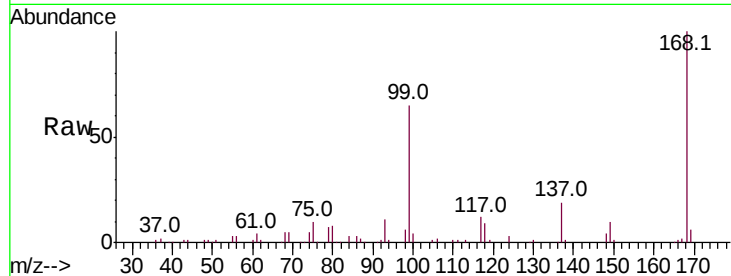
Tot Ion: 75 Resp: 19186

Ion Ratio Lower Upper

75 100

110 8.6 16.5 49.5#

77 0.0 24.6 36.8#

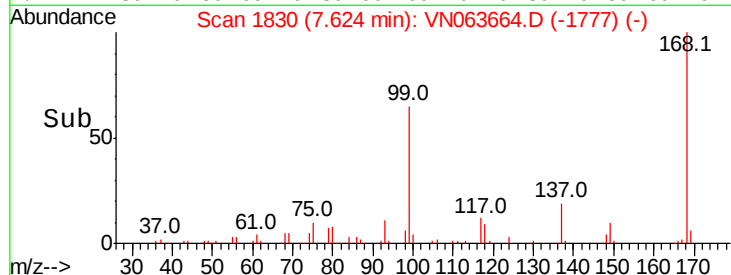


Abundance Ion 74.90 (74.60 to 75.60): VN063360.D (-1848) (-)

Ion 109.90 (109.60 to 110.60): VN063360.D (-1848) (-)

Ion 76.90 (76.60 to 77.60): VN063360.D (-1848) (-)

Time-->

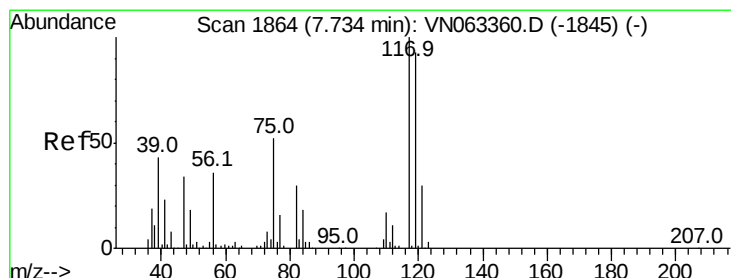


Abundance Ion 74.90 (74.60 to 75.60): VN063664.D (-1777) (-)

Ion 109.90 (109.60 to 110.60): VN063664.D (-1777) (-)

Ion 76.90 (76.60 to 77.60): VN063664.D (-1777) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 5.654 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN063664.D

Acq: 25 Sep 2020 6:37

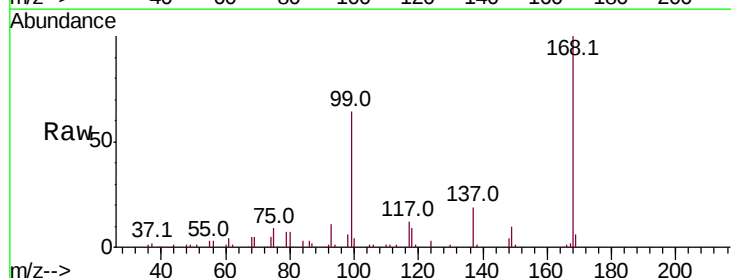
Tgt Ion: 117 Resp: 23503

Ion Ratio Lower Upper

117 100

119 5.7 74.5 111.7#

121 0.0 24.1 36.1#

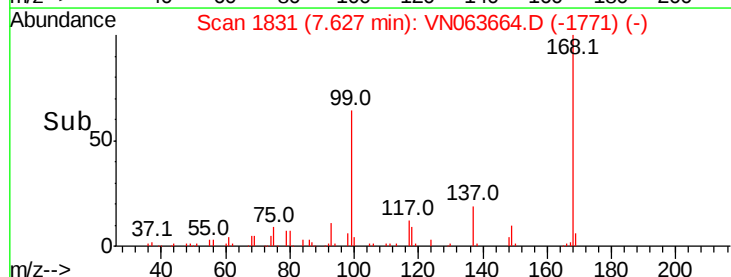


Abundance Ion 116.80 (116.50 to 117.50): VN063360.D (-1845) (-)

Ion 118.80 (118.50 to 119.50): VN063360.D (-1845) (-)

Ion 120.80 (120.50 to 121.50): VN063360.D (-1845) (-)

Time-->

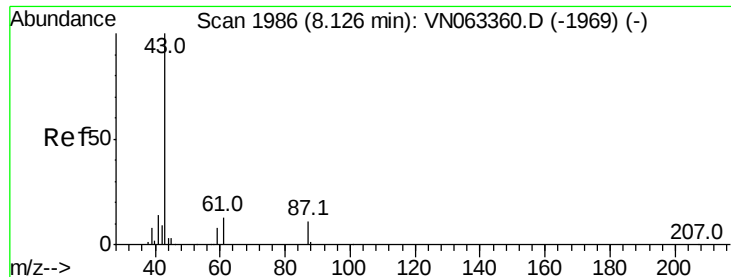


Abundance Ion 116.80 (116.50 to 117.50): VN063664.D (-1771) (-)

Ion 118.80 (118.50 to 119.50): VN063664.D (-1771) (-)

Ion 120.80 (120.50 to 121.50): VN063664.D (-1771) (-)

Time-->



#43

Isopropyl Acetate

Concen: 2.946 ug/l

RT: 8.27 min Scan# 2030

Delta R.T. 0.14 min

Lab File: VN063664.D

Acq: 25 Sep 2020 6:37

Instrument :

MSVOA_N

ClientSampleId :

DUP05-20200921

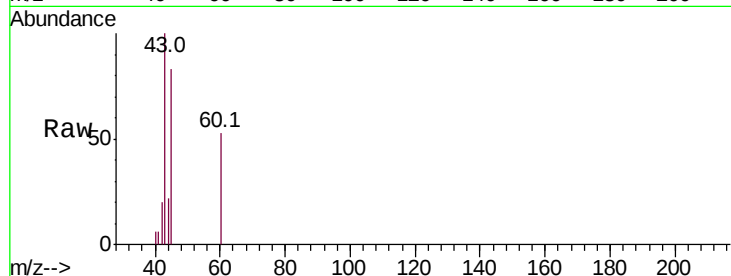
Tot Ion: 43 Resp: 21055

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.2#

87 0.0 9.0 13.6#



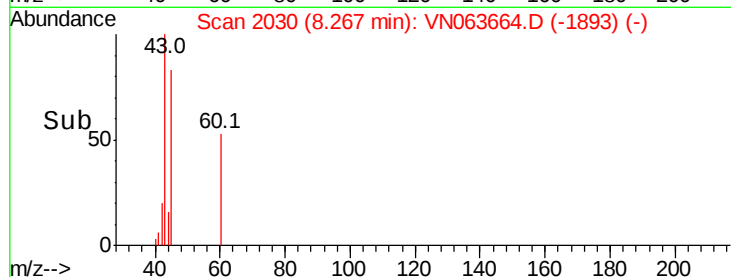
Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN063360.D (-1969) (-)

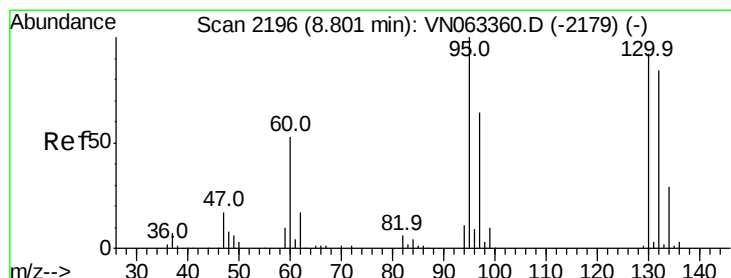
Ion 87.00 (86.70 to 87.70): VN063360.D (-1969) (-)

8.27

Time-->



Time-->



#44

Trichloroethene

Concen: 9.635 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063664.D

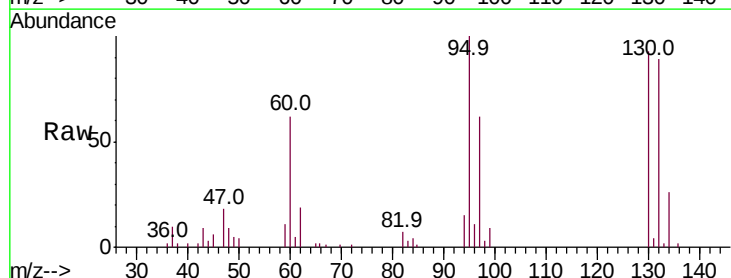
Acq: 25 Sep 2020 6:37

Tgt Ion: 130 Resp: 27167

Ion Ratio Lower Upper

130 100

95 107.4 0.0 217.4

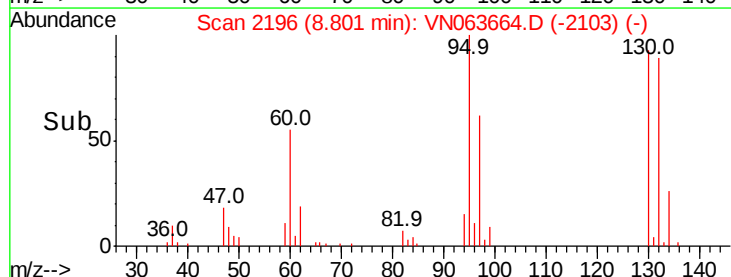


Abundance Ion 129.80 (129.50 to 130.50): VN063360.D (-2179) (-)

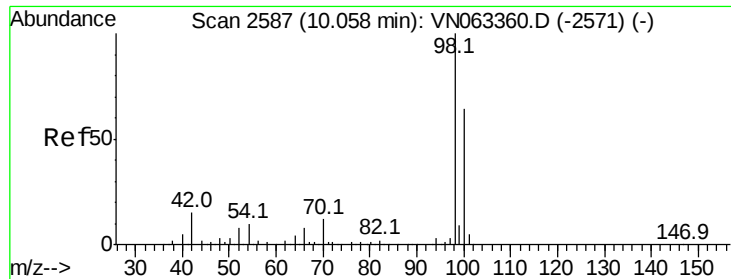
Ion 94.90 (94.60 to 95.60): VN063360.D (-2179) (-)

8.80

Time-->



Time-->



#50

Toluene-d8

Concen: 49.433 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063664.D

Acq: 25 Sep 2020 6:37

Instrument :

MSVOA_N

ClientSampleId :

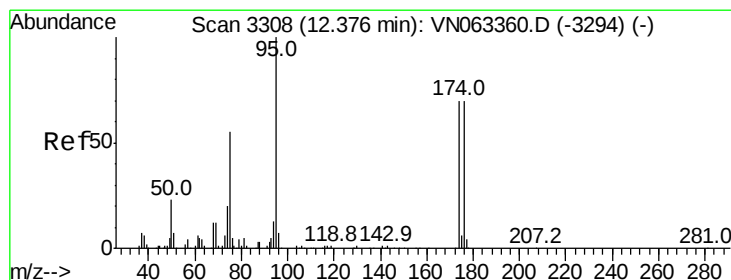
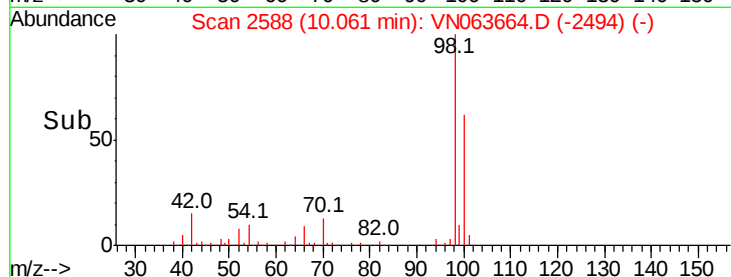
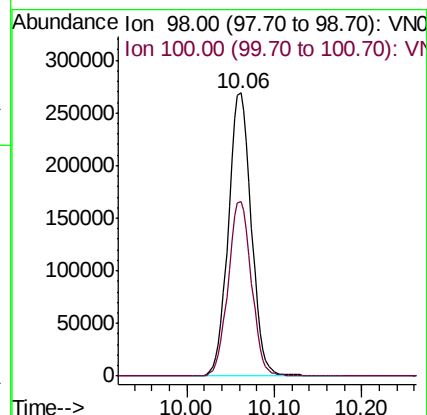
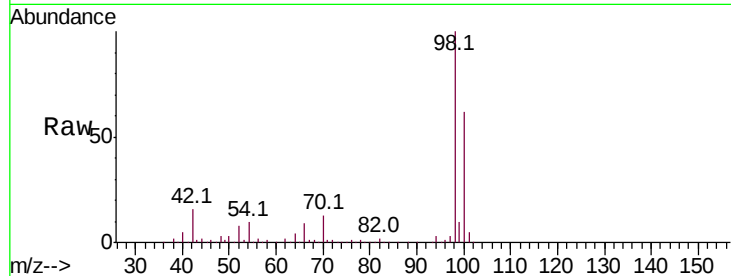
DUP05-20200921

Tot Ion: 98 Resp: 491883

Ion Ratio Lower Upper

98 100

100 62.5 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 51.667 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063664.D

Acq: 25 Sep 2020 6:37

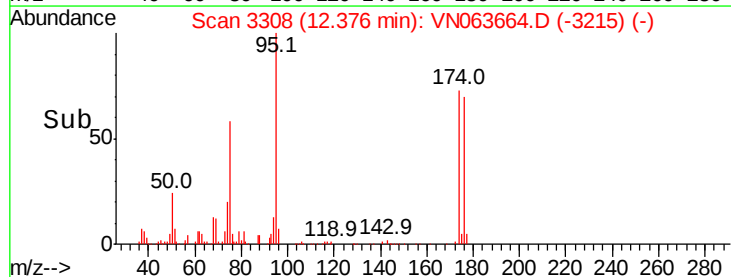
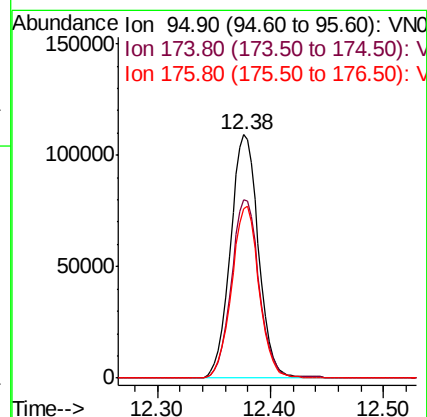
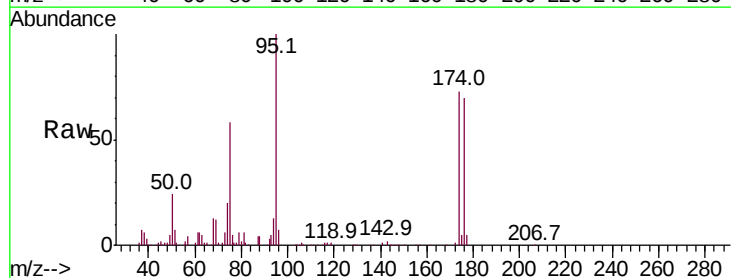
Tgt Ion: 95 Resp: 188462

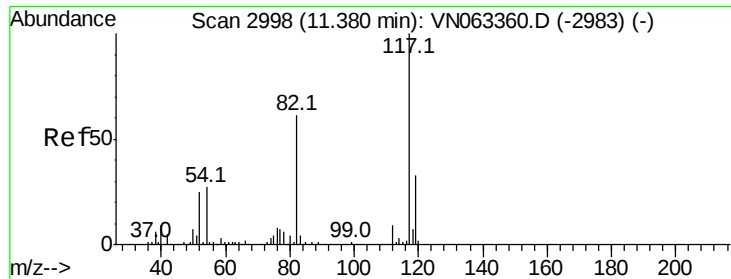
Ion Ratio Lower Upper

95 100

174 73.1 0.0 140.8

176 68.9 0.0 137.6

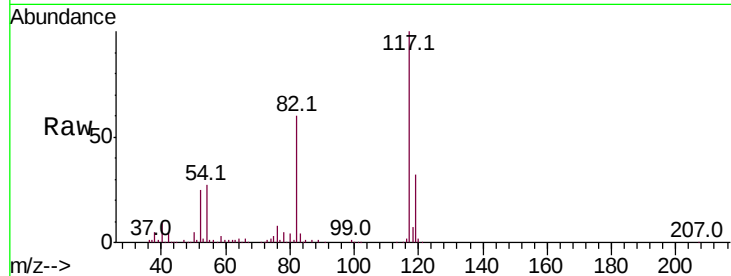




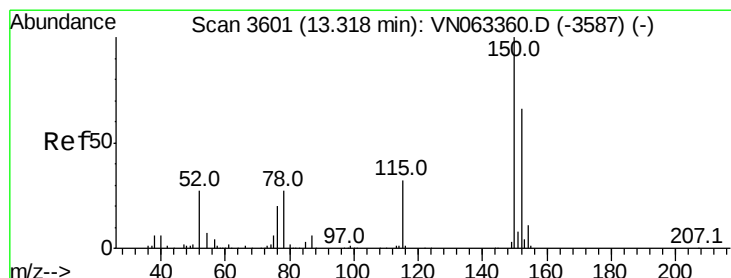
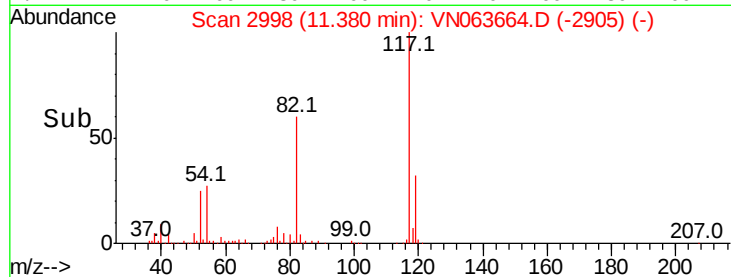
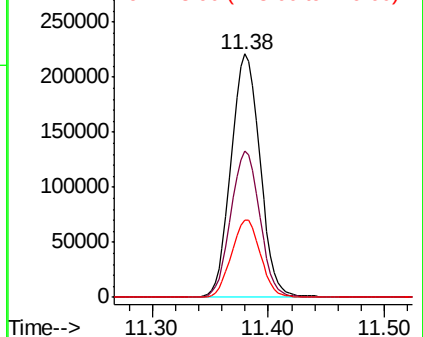
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063664.D
Acq: 25 Sep 2020 6:37

Instrument :
MSVOA_N
ClientSampleId :
DUP05-20200921

Tot Ion:117 Resp: 381882
Ion Ratio Lower Upper
117 100
82 60.1 49.2 73.8
119 31.9 26.2 39.4

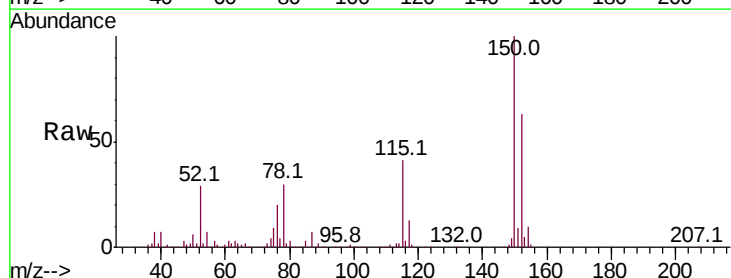


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

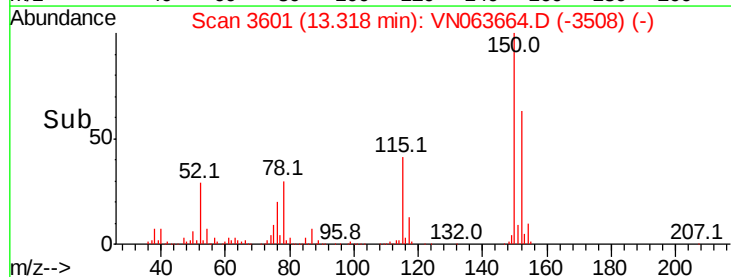
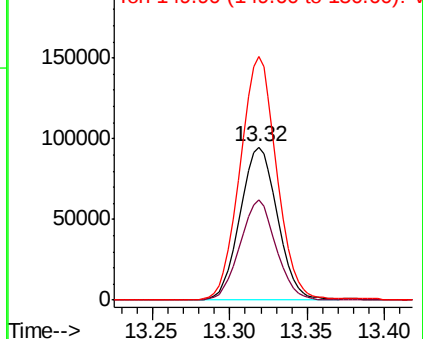


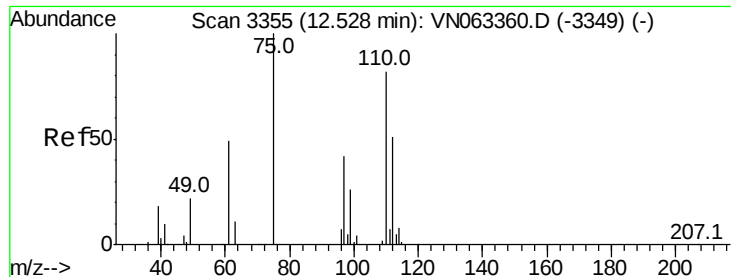
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063664.D
Acq: 25 Sep 2020 6:37

Tgt Ion:152 Resp: 159766
Ion Ratio Lower Upper
152 100
115 63.0 32.2 96.6
150 156.1 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: 26.868 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063664.D

Acq: 25 Sep 2020 6:37

Instrument :

MSVOA_N

ClientSampleId :

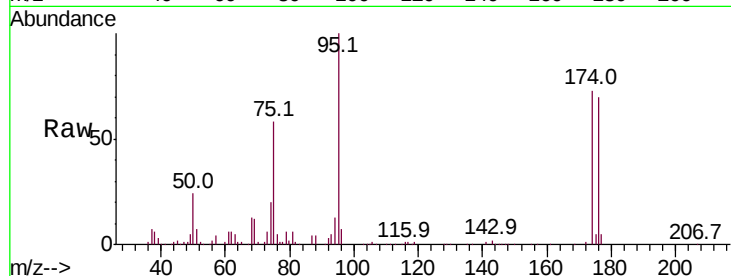
DUP05-20200921

Tot Ion: 75 Resp: 106249

Ion Ratio Lower Upper

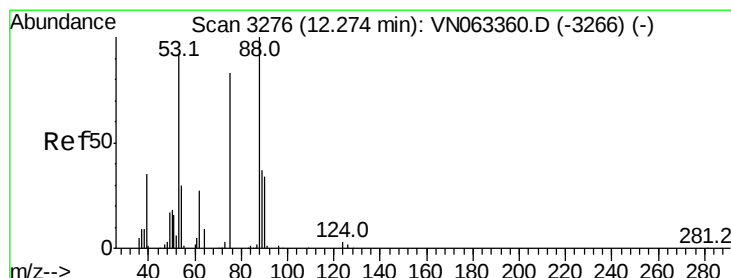
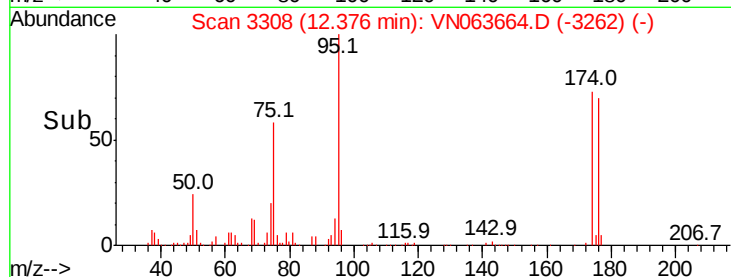
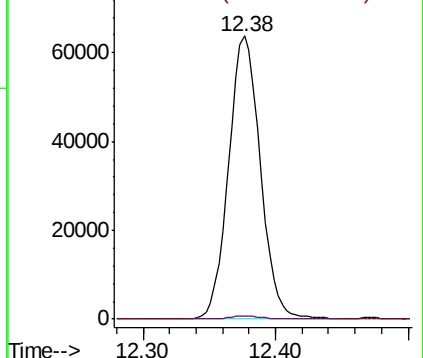
75 100

77 1.1 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: 73.663 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063664.D

Acq: 25 Sep 2020 6:37

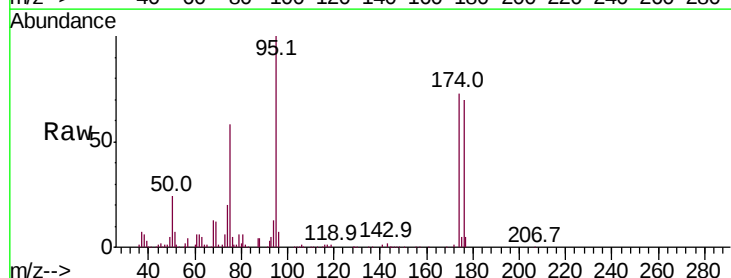
Tgt Ion: 75 Resp: 106249

Ion Ratio Lower Upper

75 100

53 0.3 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

