

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061720\
 Data File : VN061848.D
 Acq On : 17 Jun 2020 15:03
 Operator : JC/MD
 Sample : L2989-07DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE103D3-20200610DL

Quant Time: Jun 18 03:54:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	143544	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	265481	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	252218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	98447	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	94365	49.02	ug/l	0.00
Spiked Amount			Recovery	=	98.04%	
35) Dibromofluoromethane	7.55	113	82925	48.83	ug/l	0.00
Spiked Amount			Recovery	=	97.66%	
50) Toluene-d8	10.06	98	326464	48.89	ug/l	0.00
Spiked Amount			Recovery	=	97.78%	
62) 4-Bromofluorobenzene	12.38	95	108709	47.46	ug/l	0.00
Spiked Amount			Recovery	=	94.92%	

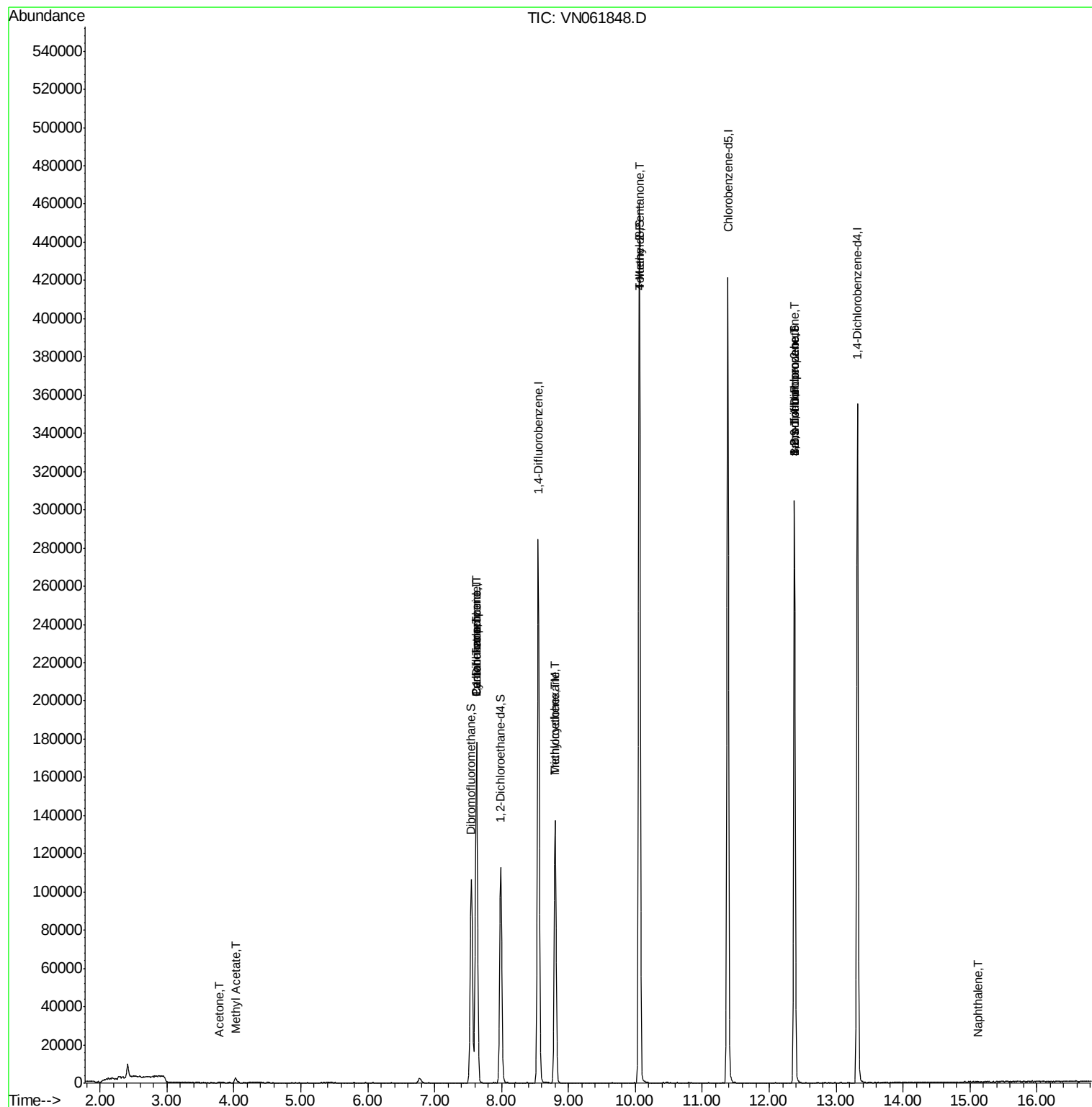
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	852	1.498	ug/l #	40
18) Methyl Acetate	4.02	43	1089	0.665	ug/l #	46
31) Cyclohexane	7.63	56	2862	1.128	ug/l #	7
36) 1,1-Dichloropropene	7.63	75	11317	4.674	ug/l #	48
38) Carbon Tetrachloride	7.63	117	14374	5.994	ug/l #	17
39) Methylcyclohexane	8.80	83	669	0.257	ug/l #	1
44) Trichloroethene	8.80	130	53136	27.525	ug/l	95
51) 4-Methyl-2-Pentanone	10.06	43	1175	0.624	ug/l #	1
71) Bromoform	12.37	173	624	0.461	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	53464	27.662	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	53464	75.446	ug/l #	14
95) Naphthalene	15.11	128	62	3.495	ug/l #	69

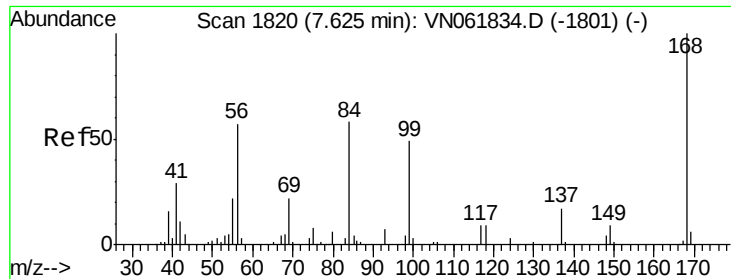
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061720\
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Quant Time: Jun 18 03:54:20 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061848.D

Acq: 17 Jun 2020 15:03

Instrument :

MSVOA_N

ClientSampleId :

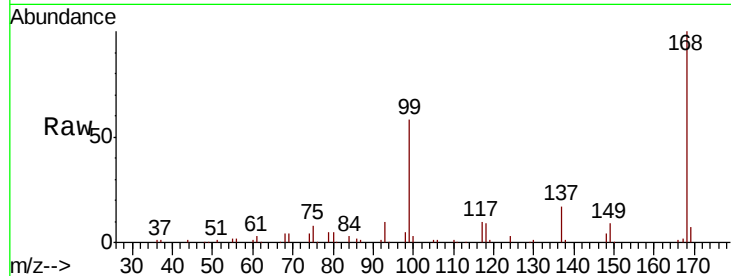
RE103D3-20200610DL

Tot Ion:168 Resp: 143544

Ion Ratio Lower Upper

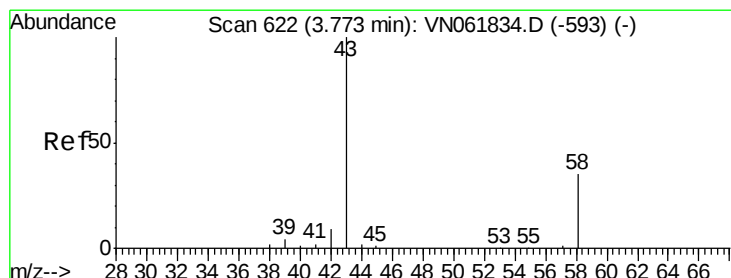
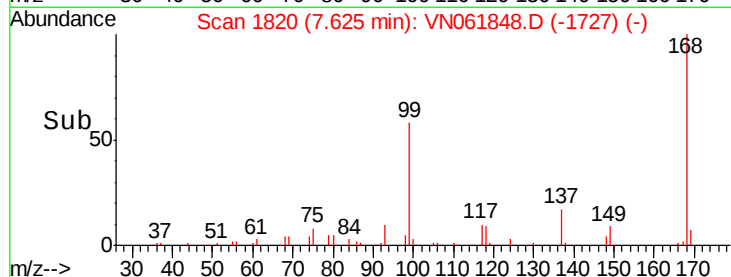
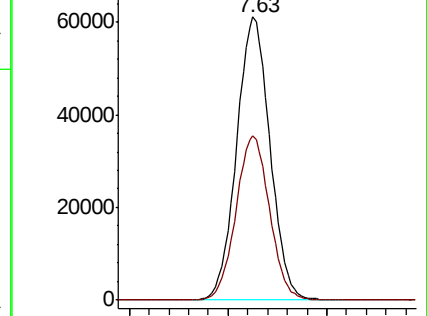
168 100

99 58.1 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 1.498 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.02 min

Lab File: VN061848.D

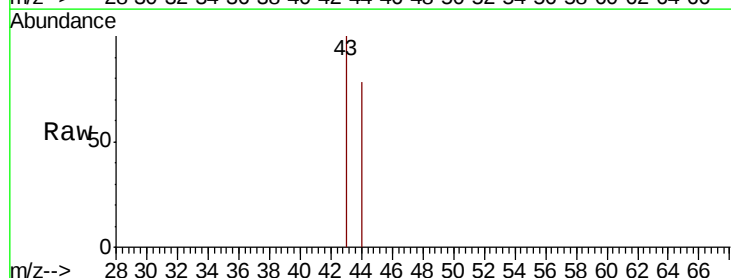
Acq: 17 Jun 2020 15:03

Tgt Ion: 43 Resp: 852

Ion Ratio Lower Upper

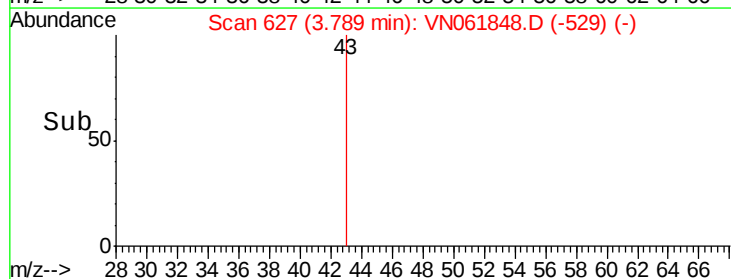
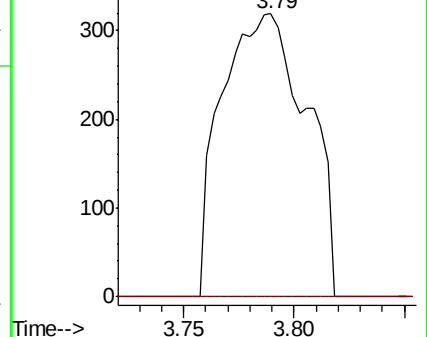
43 100

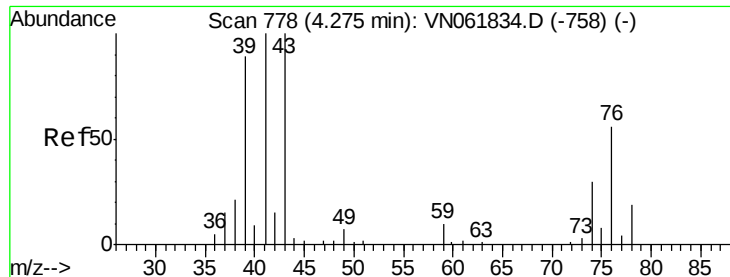
58 0.0 27.8 41.8#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

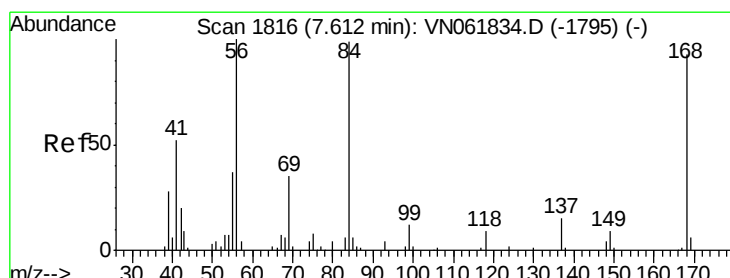
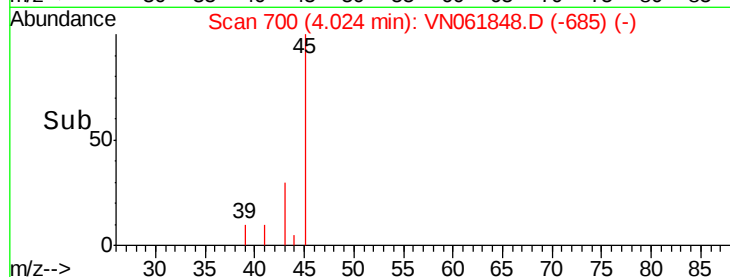
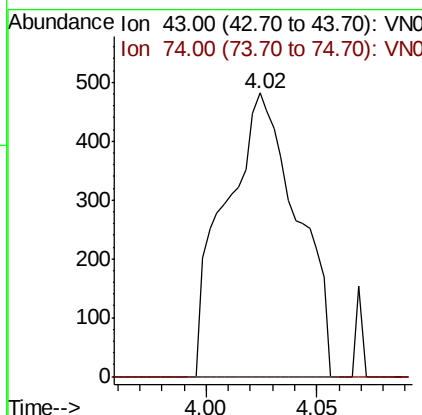
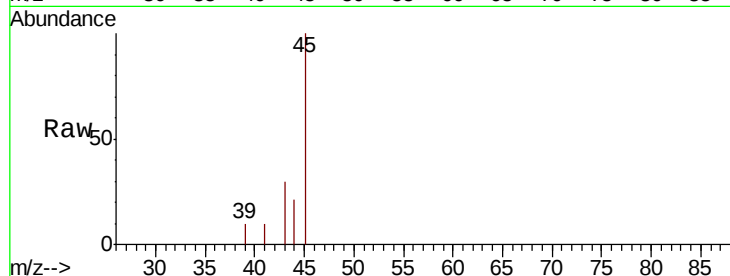




#18
Methyl Acetate
Concen: 0.665 ug/l
RT: 4.02 min Scan# 700
Delta R.T. -0.25 min
Lab File: VN061848.D
Acq: 17 Jun 2020 15:03

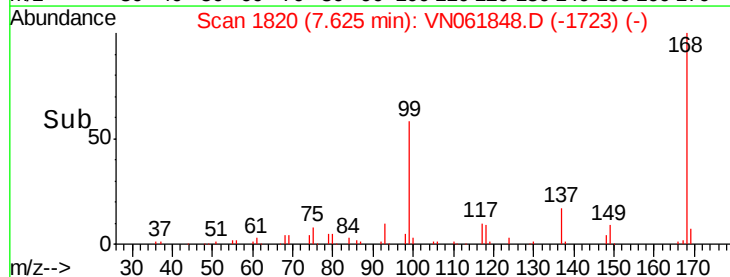
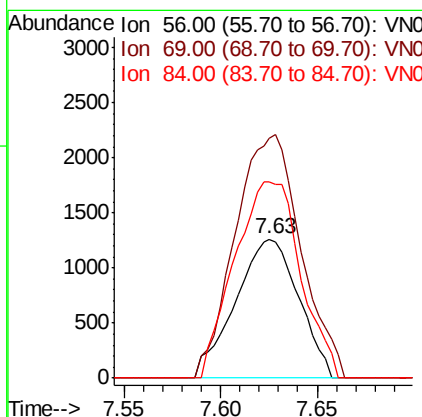
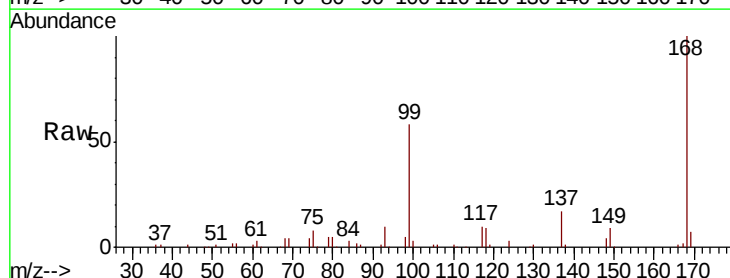
Instrument :
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RE103D3-20200610DL

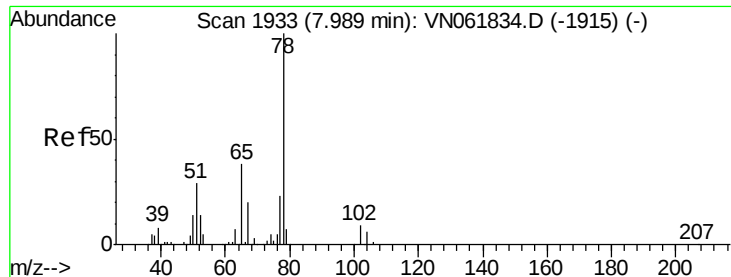
Tot Ion: 43 Resp: 1089
Ion Ratio Lower Upper
43 100
74 0.0 23.0 34.4#



#31
Cyclohexane
Concen: 1.128 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VN061848.D
Acq: 17 Jun 2020 15:03

Tgt Ion: 56 Resp: 2862
Ion Ratio Lower Upper
56 100
69 172.5 27.7 41.5#
84 140.5 79.1 118.7#

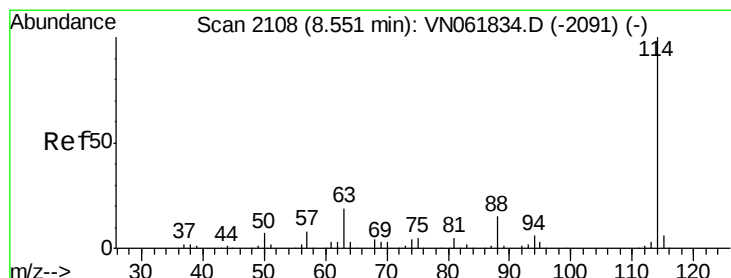
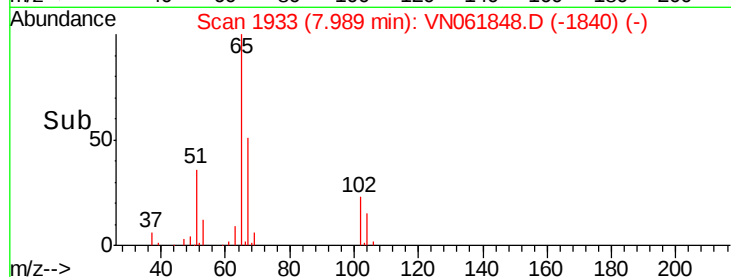
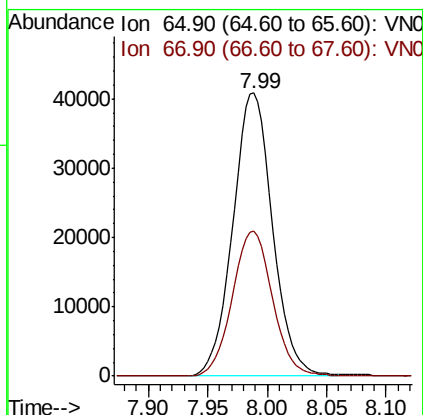
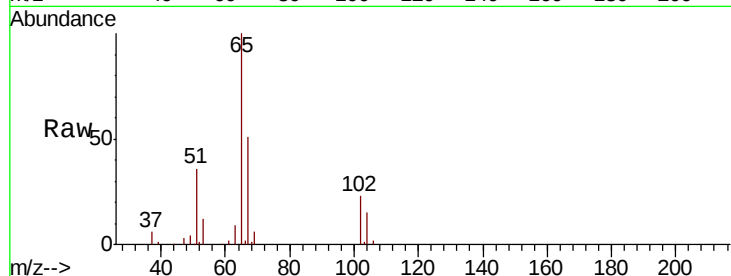




#33
 1,2-Dichloroethane-d4
 Concen: 49.017 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061848.D
 Acq: 17 Jun 2020 15:03

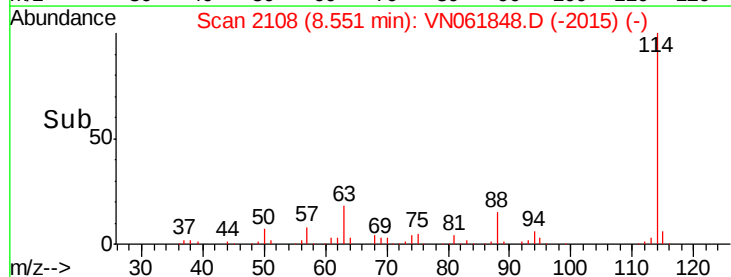
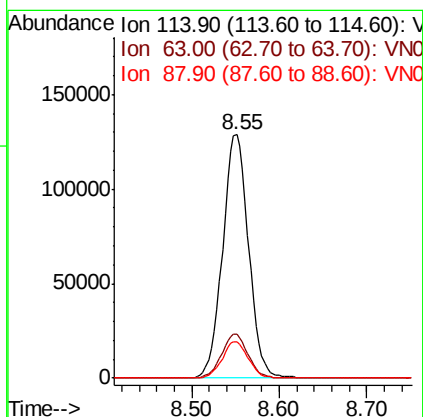
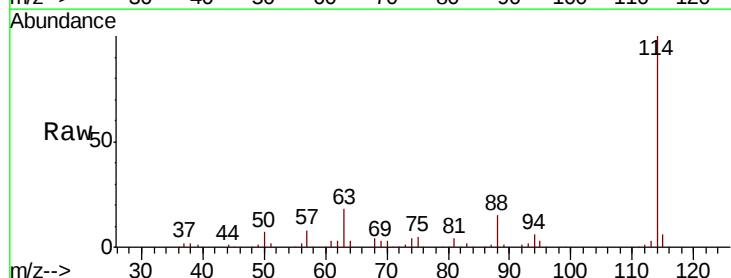
Instrument :
 MSVOA_N
 ClientSampleId :
 RE103D3-20200610DL

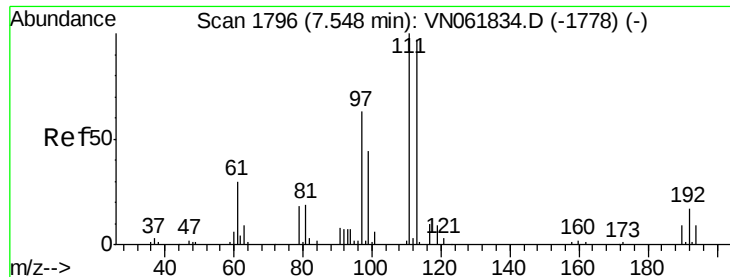
Tot Ion: 65 Resp: 94365
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061848.D
 Acq: 17 Jun 2020 15:03

Tgt Ion: 114 Resp: 265481
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 37.6
 88 15.0 0.0 31.0

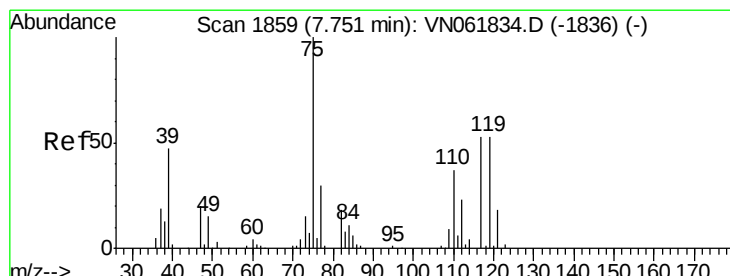
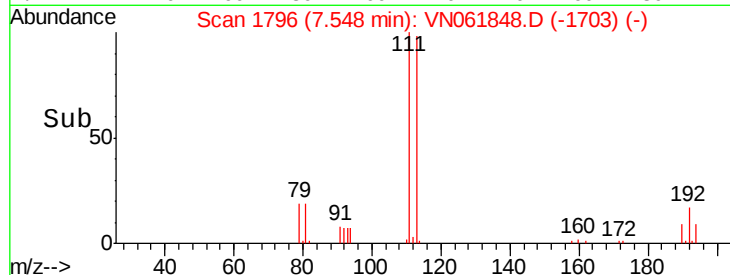
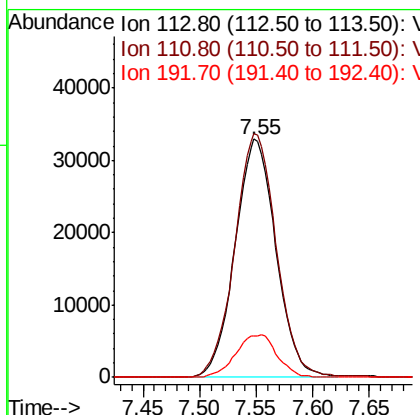
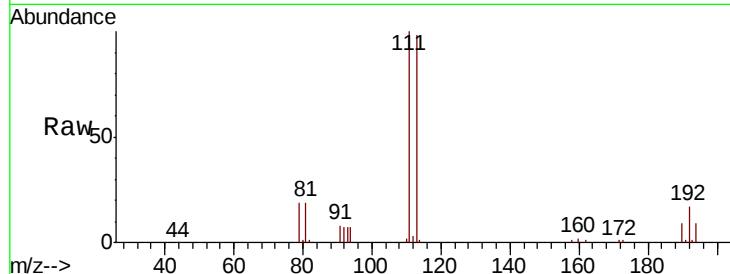




#35
 Dibromofluoromethane
 Concen: 48.825 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061848.D
 Acq: 17 Jun 2020 15:03

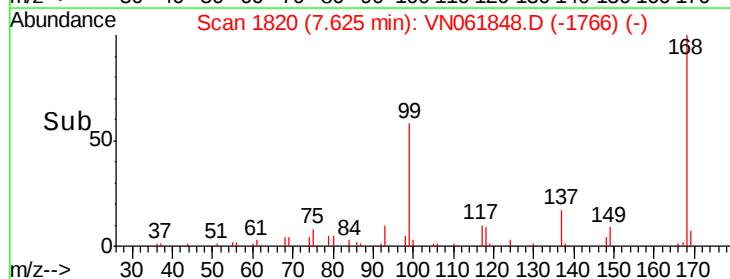
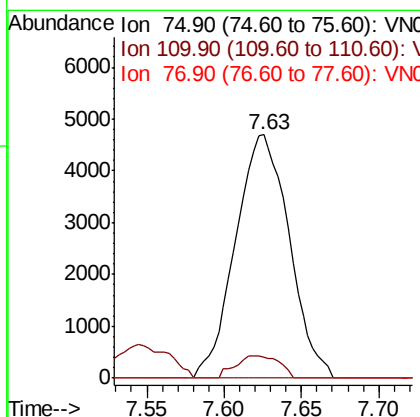
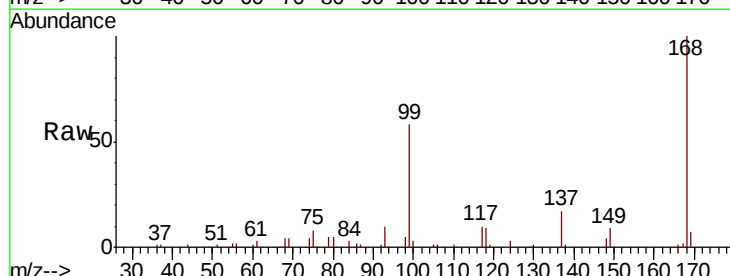
Instrument :
 MSVOA_N
 ClientSampleId :
 RE103D3-20200610DL

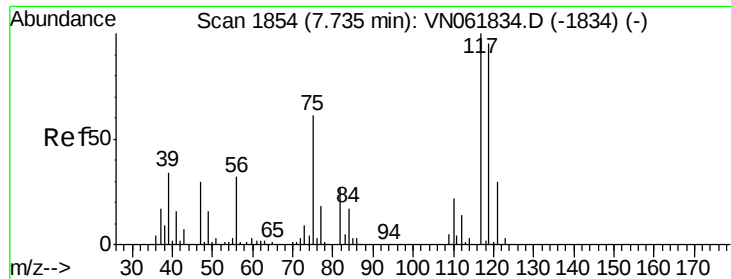
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.7	125.5
192	18.0	13.9	20.9



#36
 1,1-Dichloropropene
 Concen: 4.674 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN061848.D
 Acq: 17 Jun 2020 15:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.4	18.2	54.6#
77	0.0	24.2	36.4#





#38

Carbon Tetrachloride

Concen: 5.994 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN061848.D

Acq: 17 Jun 2020 15:03

Instrument :

MSVOA_N

ClientSampleId :

RE103D3-20200610DL

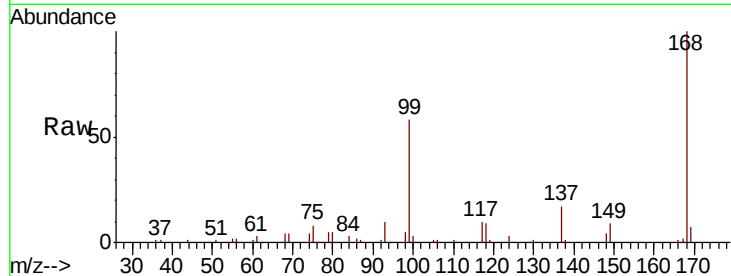
Tot Ion:117 Resp: 14374

Ion Ratio Lower Upper

117 100

119 5.8 75.8 113.6#

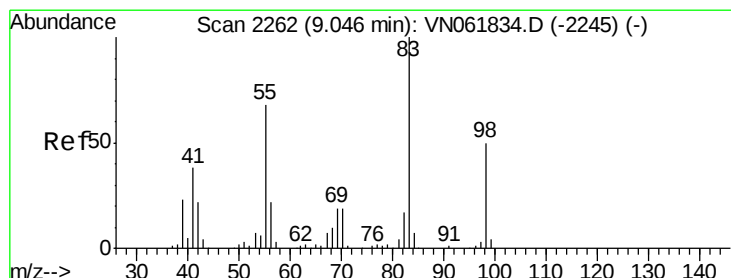
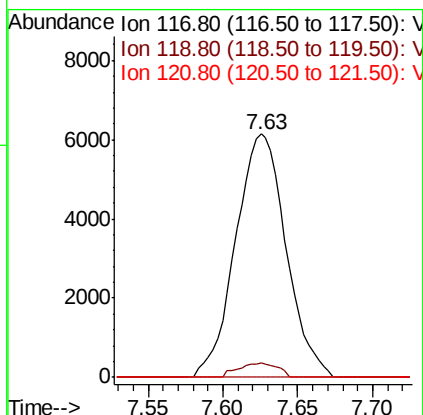
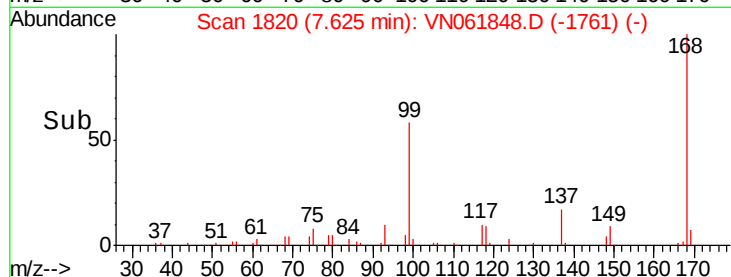
121 0.0 23.8 35.6#



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



#39

Methylcyclohexane

Concen: 0.257 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.24 min

Lab File: VN061848.D

Acq: 17 Jun 2020 15:03

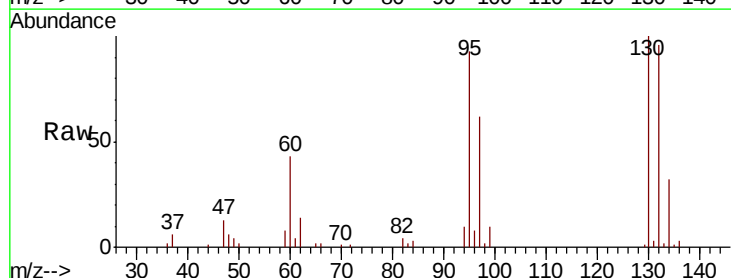
Tgt Ion: 83 Resp: 669

Ion Ratio Lower Upper

83 100

55 0.0 54.2 81.4#

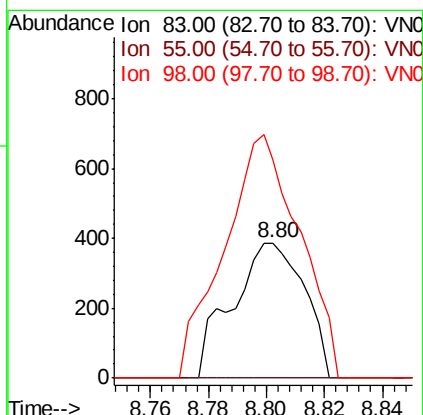
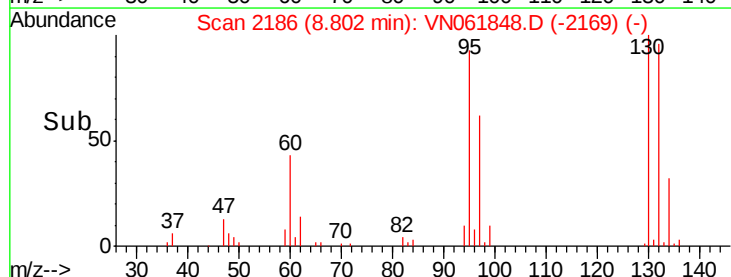
98 161.8 39.8 59.6#

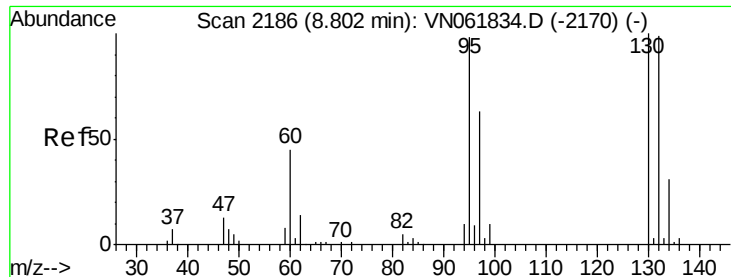


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#44

Trichloroethene

Concen: 27.525 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN061848.D

Acq: 17 Jun 2020 15:03

Instrument :

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ClientSampleId :

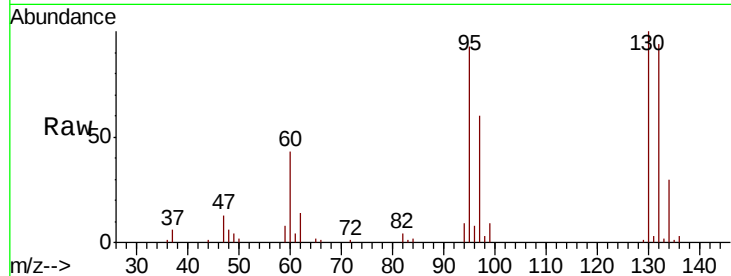
RE103D3-20200610DL

Tot Ion:130 Resp: 53136

Ion Ratio Lower Upper

130 100

95 92.7 0.0 195.6



Abundance Ion 129.80 (129.50 to 130.50): VN061834.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN061834.D (-2170) (-)

8.80

25000

20000

15000

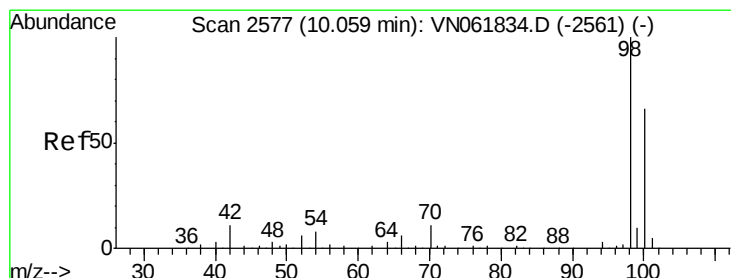
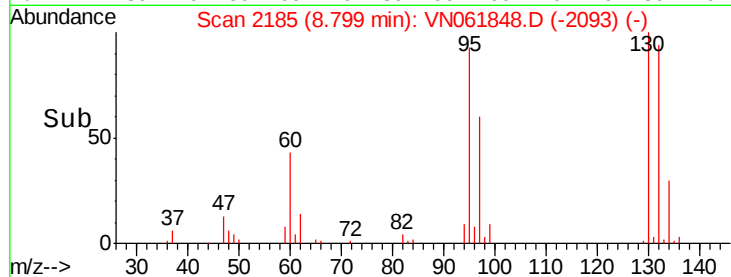
10000

5000

0

8.75 8.80 8.85

Time-->



#50

Toluene-d8

Concen: 48.893 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061848.D

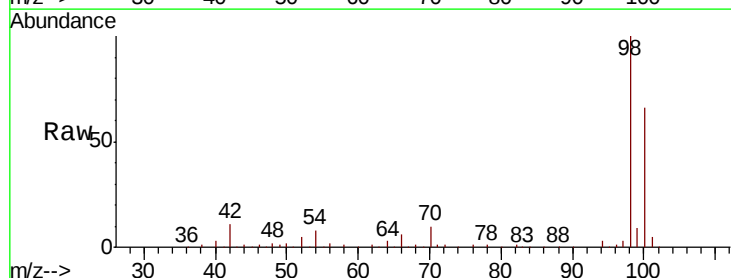
Acq: 17 Jun 2020 15:03

Tgt Ion: 98 Resp: 326464

Ion Ratio Lower Upper

98 100

100 65.5 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061834.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061834.D (-2561) (-)

10.06

200000

150000

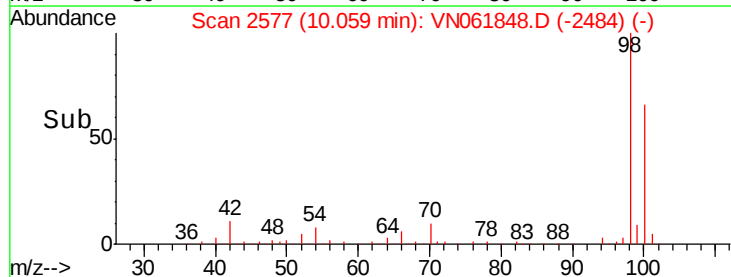
100000

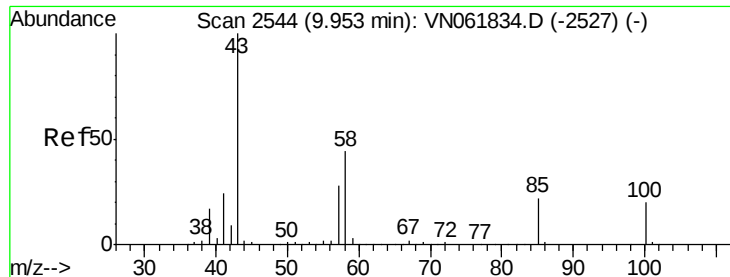
50000

0

10.00 10.06 10.10 10.20

Time-->





#51

4-Methyl-2-Pentanone

Concen: 0.624 ug/l

RT: 10.06 min Scan# 2576

Delta R.T. 0.10 min

Lab File: VN061848.D

Acq: 17 Jun 2020 15:03

Instrument :

MSVOA_N

ClientSampleId :

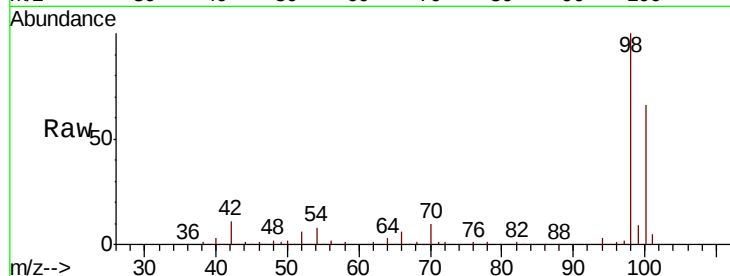
RE103D3-20200610DL

Tot Ion: 43 Resp: 1175

Ion Ratio Lower Upper

43 100

58 197.6 34.6 52.0#



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-2527) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2527) (-)

1500

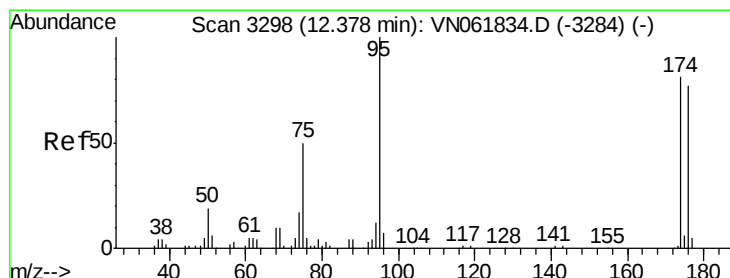
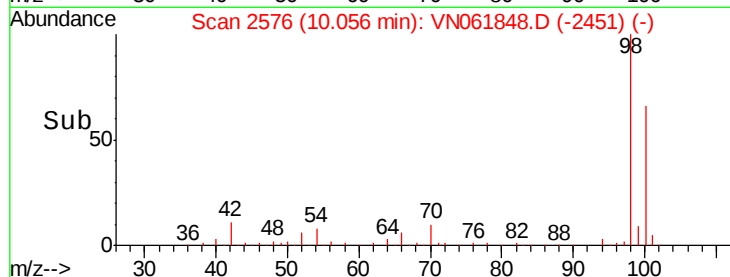
1000

500

0

10.05

Time-->



#62

4-Bromofluorobenzene

Concen: 47.464 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061848.D

Acq: 17 Jun 2020 15:03

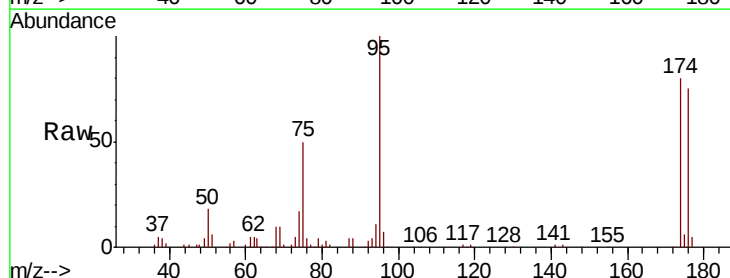
Tgt Ion: 95 Resp: 108709

Ion Ratio Lower Upper

95 100

174 79.0 0.0 158.6

176 75.2 0.0 152.0



Abundance Ion 94.90 (94.60 to 95.60): VN061834.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN061834.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN061834.D (-3284) (-)

80000

60000

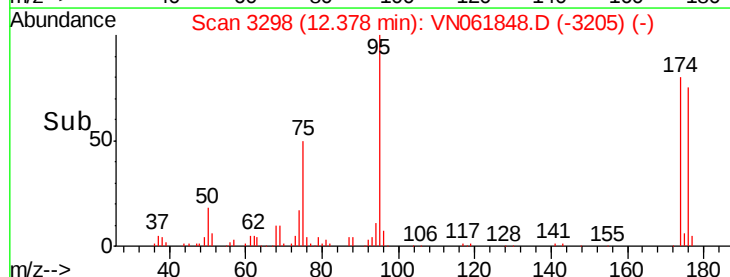
40000

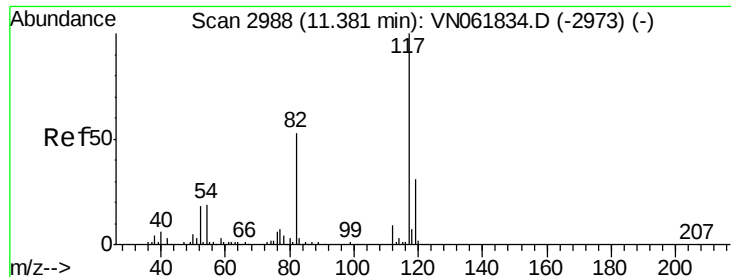
20000

0

12.38

Time-->

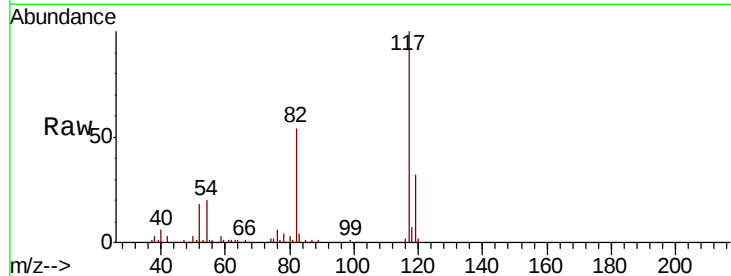




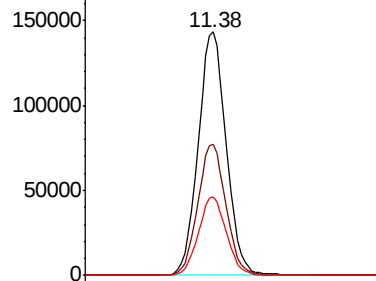
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061848.D
Acq: 17 Jun 2020 15:03

Instrument :
MSVOA_N
ClientSampleId :
RE103D3-20200610DL

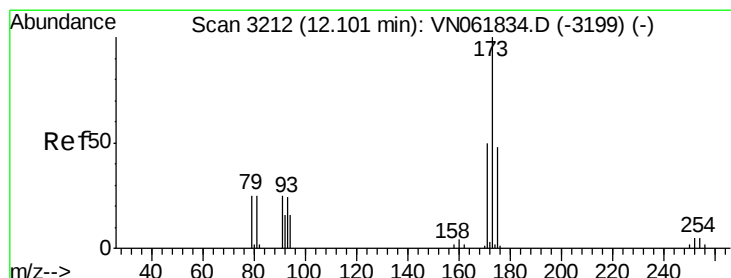
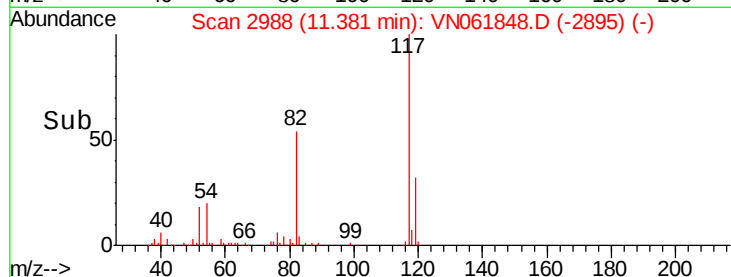
Tot Ion:117 Resp: 252218
Ion Ratio Lower Upper
117 100
82 53.6 42.6 64.0
119 32.3 24.7 37.1



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

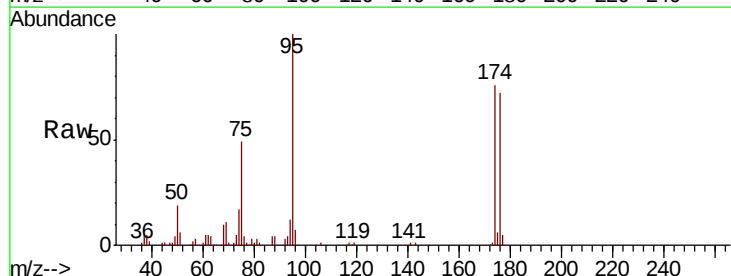


Time-->

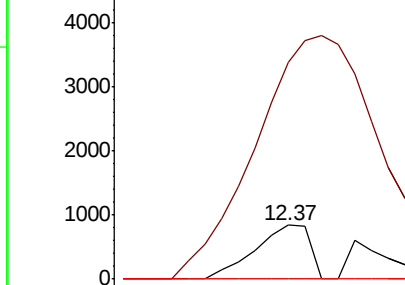


#71
Bromoform
Concen: 0.461 ug/l
RT: 12.37 min Scan# 3296
Delta R.T. 0.27 min
Lab File: VN061848.D
Acq: 17 Jun 2020 15:03

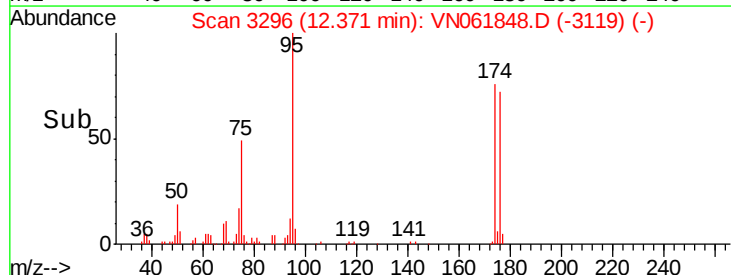
Tgt Ion:173 Resp: 624
Ion Ratio Lower Upper
173 100
175 872.4 23.9 71.7#
254 0.0 0.0 0.0

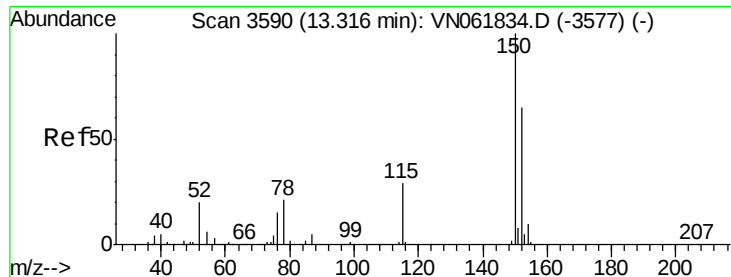


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061848.D

Acq: 17 Jun 2020 15:03

Instrument :

MSVOA_N

ClientSampleId :

RE103D3-20200610DL

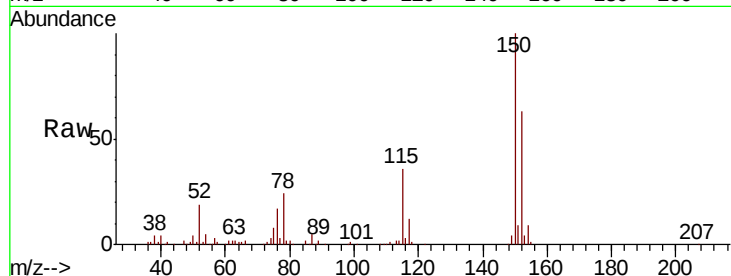
Tot Ion:152 Resp: 98447

Ion Ratio Lower Upper

152 100

115 58.3 29.1 87.3

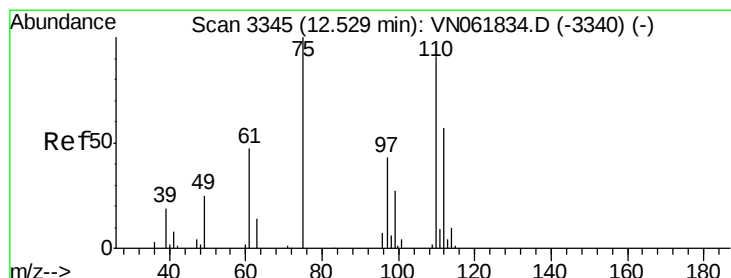
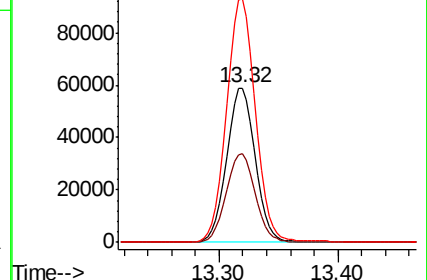
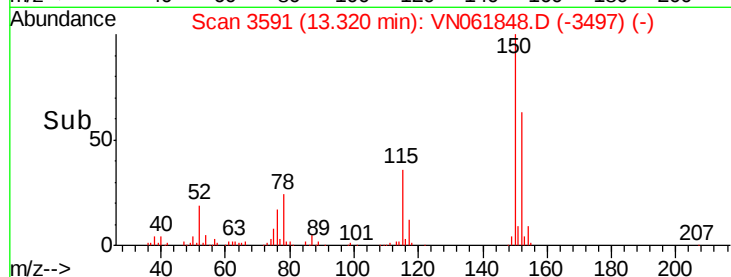
150 157.9 0.0 347.6



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: 27.662 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN061848.D

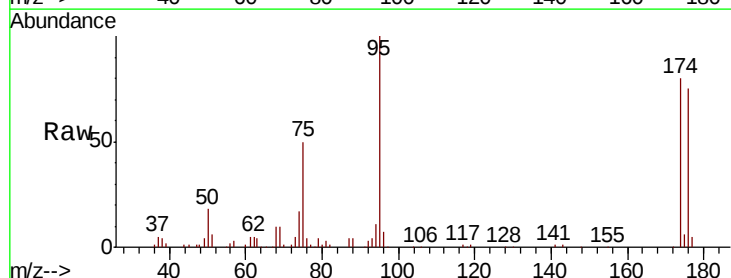
Acq: 17 Jun 2020 15:03

Tgt Ion: 75 Resp: 53464

Ion Ratio Lower Upper

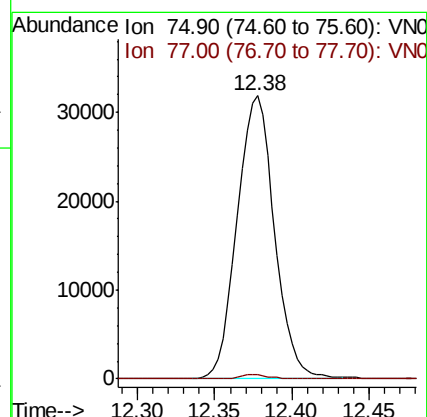
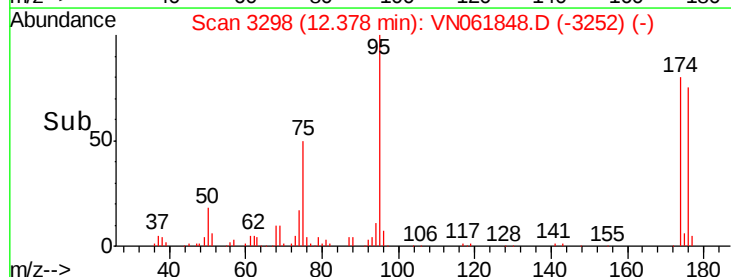
75 100

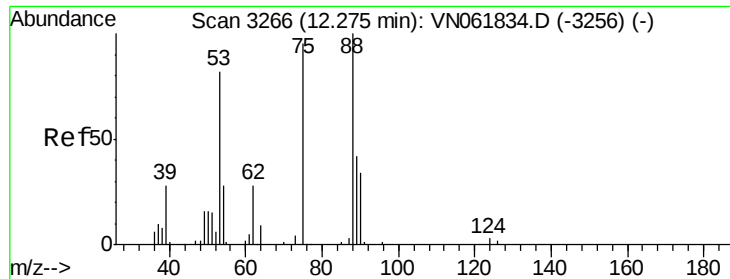
77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 75.446 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN061848.D

Acq: 17 Jun 2020 15:03

Instrument :

MSVOA_N

ClientSampleId :

RE103D3-20200610DL

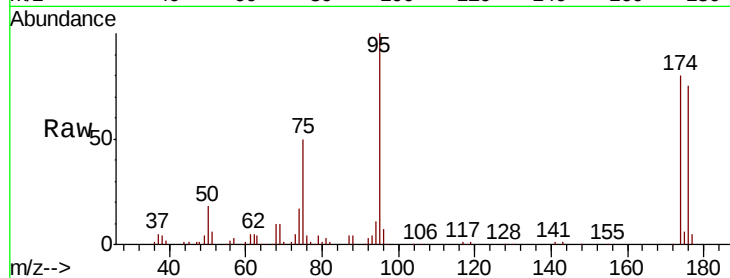
Tot Ion: 75 Resp: 53464

Ion Ratio Lower Upper

75 100

53 0.0 70.4 105.6#

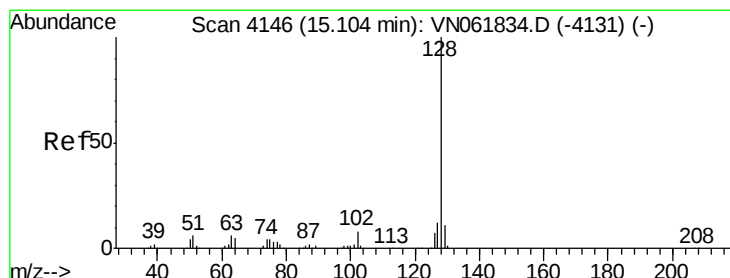
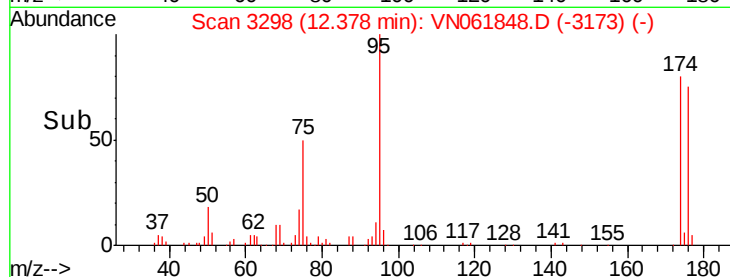
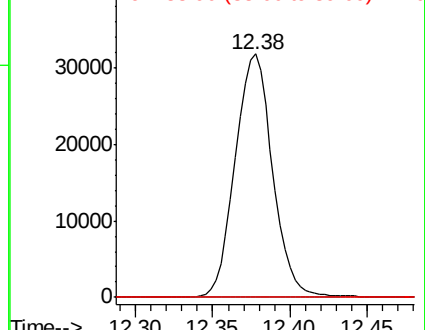
89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN061834.D (-3256) (-)

Ion 53.00 (52.70 to 53.70): VN061834.D (-3256) (-)

Ion 88.90 (88.60 to 89.60): VN061834.D (-3256) (-)



#95

Naphthalene

Concen: 3.495 ug/l

RT: 15.11 min Scan# 4149

Delta R.T. 0.01 min

Lab File: VN061848.D

Acq: 17 Jun 2020 15:03

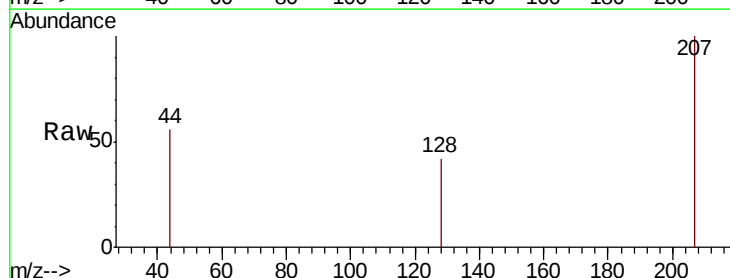
Tgt Ion: 128 Resp: 62

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): VN061834.D (-4131) (-)

Ion 127.00 (126.70 to 127.70): VN061834.D (-4131) (-)

Ion 129.00 (128.70 to 129.70): VN061834.D (-4131) (-)

